

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1626gms

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated  
and searchable  
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in  
CA/Caplus  
NEWS 5 FEB 05 German (DE) application and patent publication number format  
changes  
NEWS 6 MAR 03 MEDLINE and LMEDLINE reloaded  
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
NEWS 8 MAR 03 FRANCEPAT now available on STN  
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN  
NEWS 10 MAR 29 WPIFV now available on STN  
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA  
NEWS 12 APR 26 PROMT: New display field available  
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field  
available  
NEWS 14 APR 26 LITALERT now available on STN  
NEWS 15 APR 27 NLDB: New search and display fields available  
NEWS 16 May 10 PROUSDDR now available on STN  
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May  
and June 2004  
NEWS 18 May 12 EXTEND option available in structure searching  
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 20 May 17 FRFULL now available on STN  
NEWS 21 May 27 STN User Update to be held June 7 and June 8 at the SLA 2004  
Conference  
NEWS 22 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in Caplus  
NEWS 23 May 27 Caplus super roles and document types searchable in REGISTRY  
NEWS 24 May 27 Explore APOLLIT with free connect time in June 2004  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:06:12 ON 15 JUN 2004

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:06:45 ON 15 JUN 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4

DICTIONARY FILE UPDATES: 14 JUN 2004 HIGHEST RN 693217-50-4

TSKA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

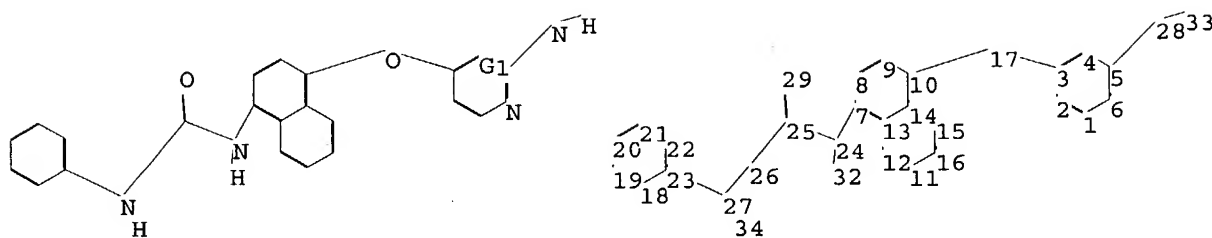
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10632998.str



chain nodes :

17 24 25 26 27 28 29 32 33 34

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 19 20 21 22 23

chain bonds :

3-17 5-28 7-24 10-17 23-27 24-25 24-32 25-26 25-29 26-27 27-34 28-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13

13-14 14-15 15-16 18-19 18-23 19-20 20-21 21-22 22-23

exact/norm bonds :

1-2 1-6 2-3 3-4 3-17 4-5 5-6 5-28 7-24 10-17 23-27 24-25 24-32 25-26

25-29 26-27 27-34 28-33

normalized bonds :

7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13 13-14 14-15 15-16 18-19 18-23

19-20 20-21 21-22 22-23

isolated ring systems :

containing 1 : 7 : 18 :

G1:N,CH

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:Atom 19:Atom

20:Atom 21:Atom 22:Atom 23:Atom 24:CLASS 25:CLASS 26:CLASS 27:CLASS

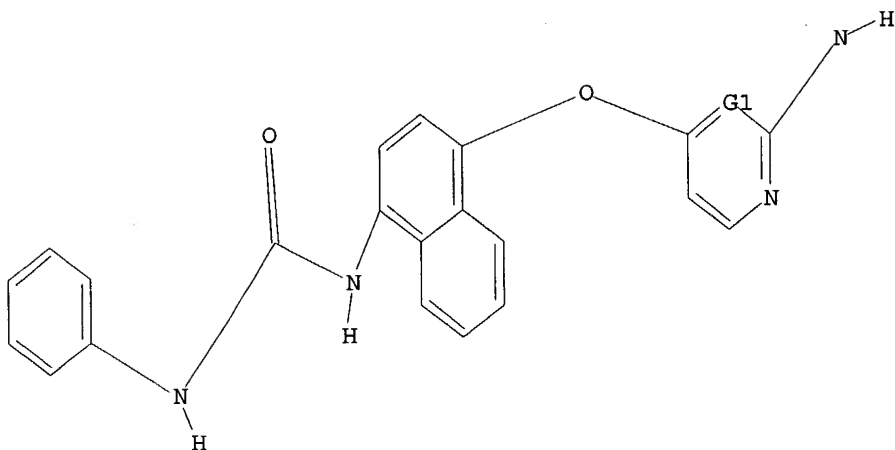
28:CLASS 29:CLASS 32:CLASS 33:CLASS 34:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N,CH

Structure attributes must be viewed using STN Express query preparation.

=&gt; s l1

SAMPLE SEARCH INITIATED 11:07:03 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS  
 SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 0 TO 0  
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=&gt; s l1 sss full

FULL SEARCH INITIATED 11:07:10 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

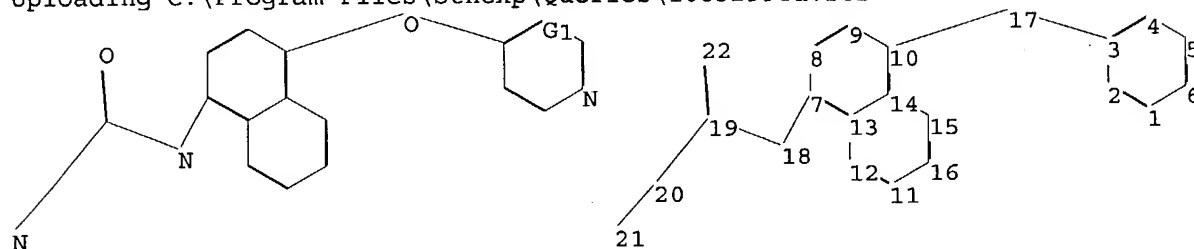
100.0% PROCESSED 0 ITERATIONS  
 SEARCH TIME: 00.00.01

0 ANSWERS

L3 0 SEA SSS FUL L1

=&gt;

Uploading C:\Program Files\Stnexp\Queries\10632998a.str



10632998

```

chain nodes :
17 18 19 20 21 22
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
chain bonds :
3-17 7-18 10-17 18-19 19-20 19-22 20-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13
13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 3-17 4-5 5-6 7-18 10-17 18-19 19-20 19-22 20-21
normalized bonds :
7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13 13-14 14-15 15-16
isolated ring systems :
containing 1 : 7 :

```

G1:N,CH

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS

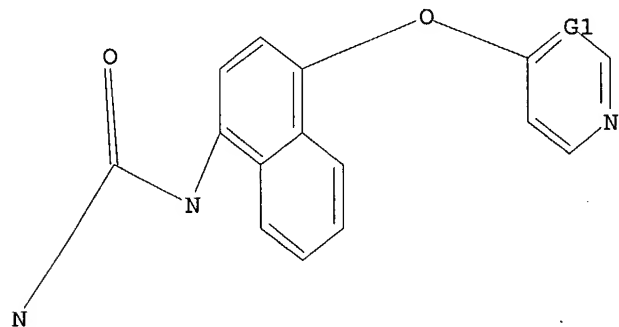
```

L4 STRUCTURE UPLOADED

```

=> d l4
L4 HAS NO ANSWERS
L4 STR

```



G1 N,CH

Structure attributes must be viewed using STN Express query preparation.

```

=> s l4
SAMPLE SEARCH INITIATED 11:08:51 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

```

```

100.0% PROCESSED          1 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

```

10632998

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 1 TO 80  
 PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s l4 sss full

FULL SEARCH INITIATED 11:08:58 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 15 TO ITERATE

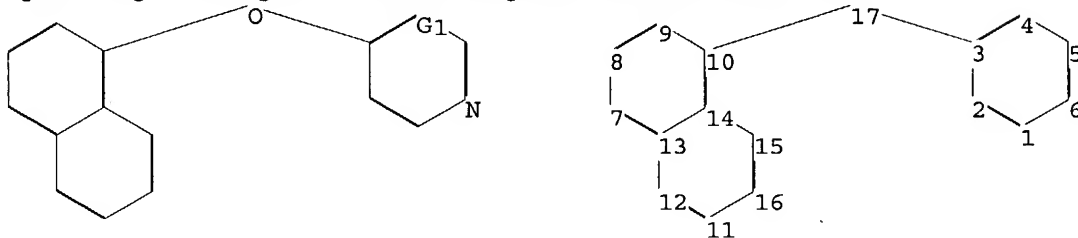
100.0% PROCESSED 15 ITERATIONS  
 SEARCH TIME: 00.00.01

0 ANSWERS

L6 0 SEA SSS FUL L4

=>

Uploading C:\Program Files\Stnexp\Queries\10632998b.str



chain nodes :

17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

chain bonds :

3-17 10-17

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13

13-14 14-15 15-16

exact/norm bonds :

1-2 1-6 2-3 3-4 3-17 4-5 5-6 10-17

normalized bonds :

7-13 7-8 8-9 9-10 10-14 11-12 11-16 12-13 13-14 14-15 15-16

isolated ring systems :

containing 1 : 7 :

G1:N,CH

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS

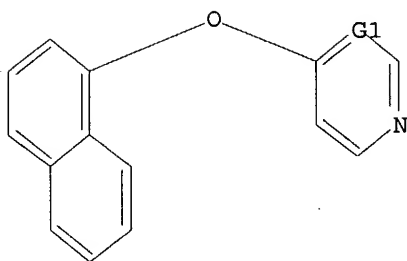
L7 STRUCTURE UPLOADED

=> d l7

L7 HAS NO ANSWERS

L7 STR

10632998



G1 N,CH

Structure attributes must be viewed using STN Express query preparation.

```
=> d l7 sss full
L7 HAS NO ANSWERS
'SSS FULL ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
              data. (Default)
SIM ----- Structure Image.
SAT ----- Structure Attributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
              data.
SDA ----- All Structure Data (image, attributes, connection table and
              map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:end

=> s l7
SAMPLE SEARCH INITIATED 11:11:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      223 TO ITERATE

100.0% PROCESSED      223 ITERATIONS                26 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   3565 TO    5355
PROJECTED ANSWERS:      215 TO    825

L8                26 SEA SSS SAM L7

=> s l7 sss full
FULL SEARCH INITIATED 11:11:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    3917 TO ITERATE

100.0% PROCESSED     3917 ITERATIONS                432 ANSWERS
SEARCH TIME: 00.00.01

L9                432 SEA SSS FUL L7

=> FIL CAPLUS
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          468.78      468.99

10632998
```

FILE 'CAPLUS' ENTERED AT 11:11:54 ON 15 JUN 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 15 Jun 2004 VOL 140 ISS 25  
FILE LAST UPDATED: 14 Jun 2004 (20040614/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 19  
L10

38 L9

=> s 110 and py<=2002  
22503304 PY<=2002

L11 34 L10 AND PY<=2002

=> s 111 and thu  
138 THU  
2161015 THUS  
2161138 THU

(THU OR THUS)

L12 11 L11 AND THU

=> d 112 ibib abs hitstr tot

L12 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:946279 CAPLUS

DOCUMENT NUMBER: 138:24719

TITLE: Preparation of 1,4-disubstituted benzo-fused  
cycloalkyl ureas as antiinflammatory agents

INVENTOR(S): Cirillo, Pier F.; Hickey, Eugene R.

PATENT ASSIGNEE(S): Boehringer-Ingelheim Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002098869	A2	20021212	WO 2002-US16720	20020524 <--
WO 2002098869	A3	20040226		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,



GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003100608 A1 20030529 US 2002-154535 20020524

US 6720321 B2 20040413

EP 1414810 A2 20040506 EP 2002-737211 20020524

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

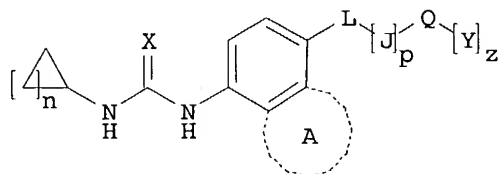
PRIORITY APPLN. INFO.:

US 2001-295909P P 20010605

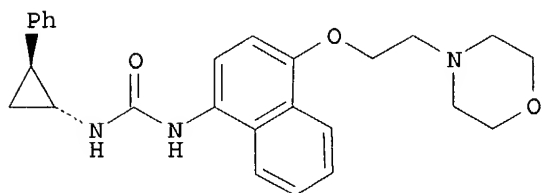
WO 2002-US16720 W 20020524

OTHER SOURCE(S): CASREACT 138:24719; MARPAT 138:24719

GI



I



II

AB The title compds. [I; n = 1-5; cycloalkyl can be optionally substituted by 1-2 R1 or R2; X = O; p = 0-1; z = 0-1; A = fused (un)saturated (un)substituted ring containing 3-5 carbon atoms; L = a bond, O, NH, CO, CS, etc.; J = CH2, (CH2)2, CH2CHMe, CH2CHOH, CHOH, CO; Q = (un)substituted Ph, naphthyl, pyridinyl, etc.; R1 = (un)substituted Ph, CH2Ph, naphthyl, etc.; R2 = alkyl, haloalkyl, acyl, etc.], useful for treating a cytokine mediated diseases (no biol. data), were prepared **Thus**, reacting 4-[2-(morpholin-4-yl)ethoxy]naphthalen-1-ylamine with trans-2-phenylcyclopropyl isocyanate in THF afforded II.

IT 478044-70-1P 478044-71-2P 478044-72-3P

478044-75-6P 478044-76-7P 478044-77-8P

478044-78-9P 478044-86-9P 478044-87-0P

478044-88-1P 478044-89-2P 478044-91-6P

478044-93-8P 478044-95-0P 478045-01-1P

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478045-53-3P 478045-55-5P 478045-57-7P

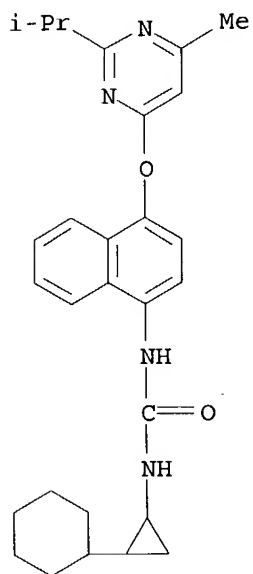
478045-59-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1,4-disubstituted benzo-fused cycloalkyl ureas as antiinflammatory agents)

RN 478044-70-1 CAPLUS

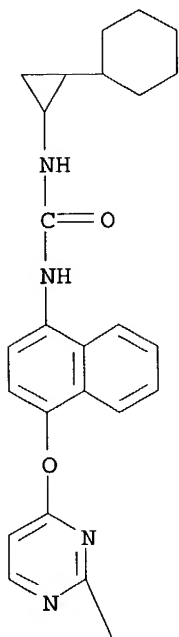
CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[6-methyl-2-(1-methylethyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



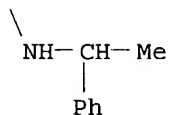
RN 478044-71-2 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(1-phenylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

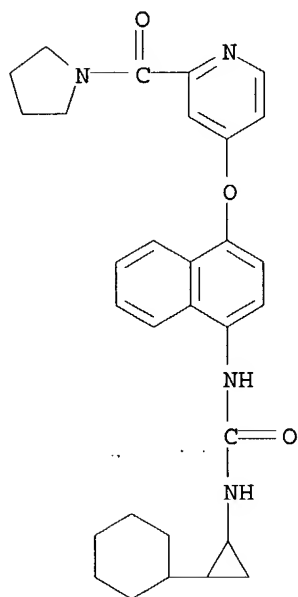


PAGE 2-A



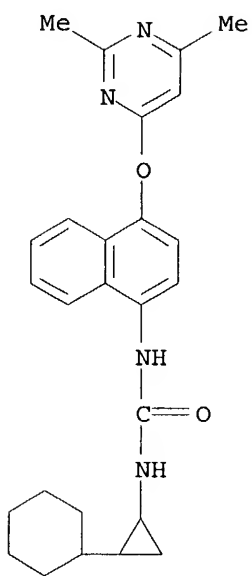
RN 478044-72-3 CAPLUS

CN Pyrrolidine, 1-[[4-[[4-[[[(2-cyclohexylcyclopropyl)amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



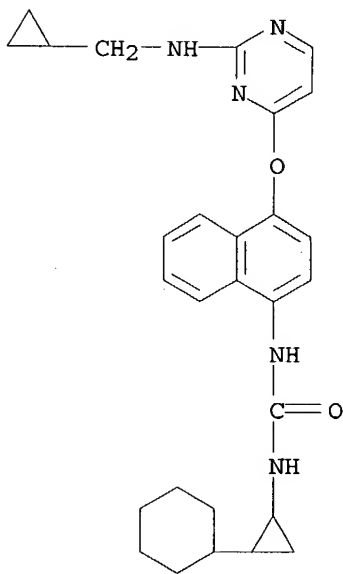
RN 478044-75-6 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[(2,6-dimethyl-4-pyrimidinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



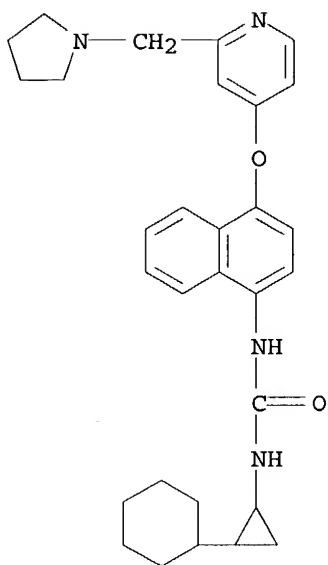
RN 478044-76-7 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(cyclopropylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



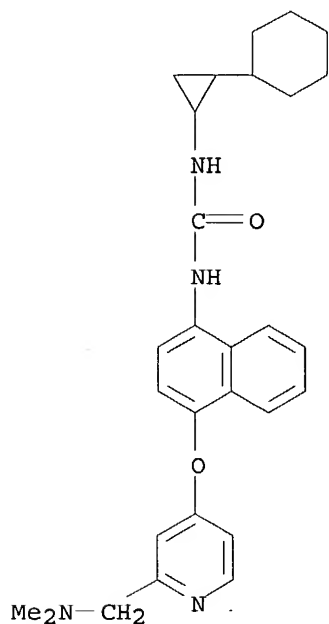
RN 478044-77-8 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-(1-pyrrolidinylmethyl)-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



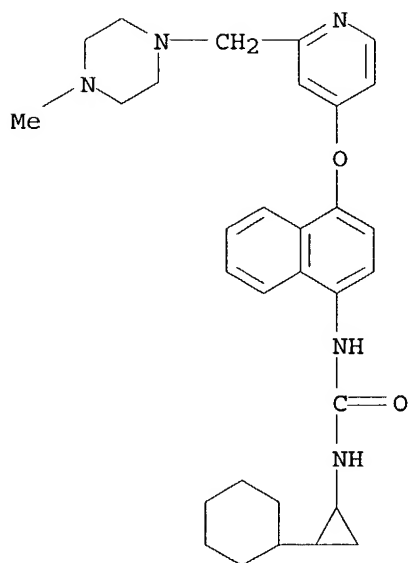
RN 478044-78-9 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(dimethylamino)methyl]-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



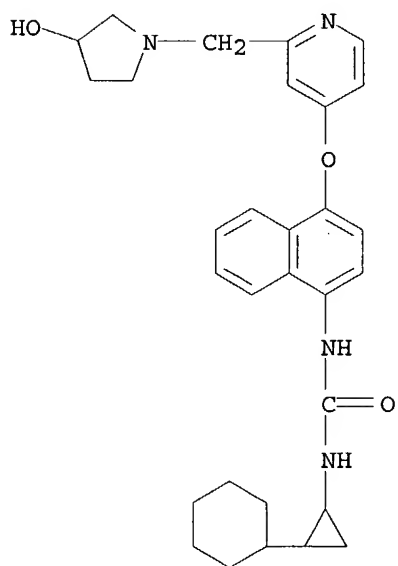
RN 478044-86-9 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(4-methyl-1-piperazinyl)methyl]-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



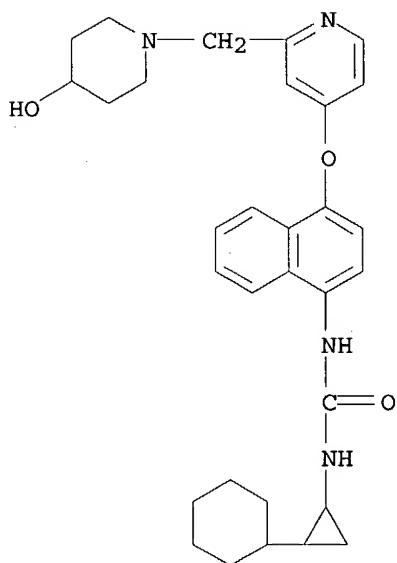
RN 478044-87-0 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(3-hydroxy-1-pyrrolidinyl)methyl]-4-pyridinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



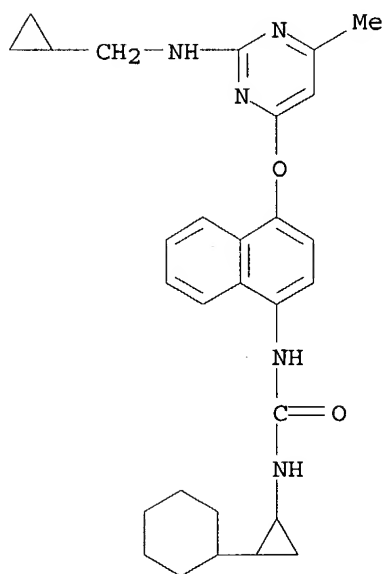
RN 478044-88-1 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(4-hydroxy-1-piperidinyl)methyl]-4-pyridinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



RN 478044-89-2 CAPLUS

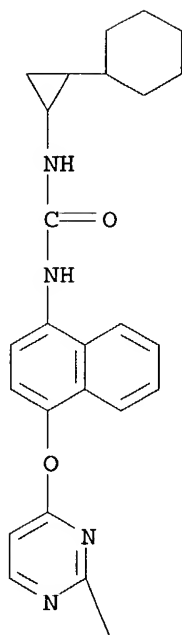
CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



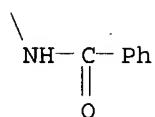
RN 478044-91-6 CAPLUS

CN Benzamide, N-[4-[[4-[[[(2-cyclohexylcyclopropyl)amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyrimidinyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



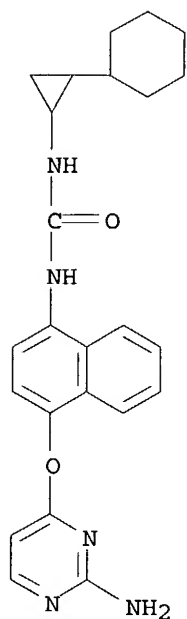
PAGE 2-A



RN 478044-93-8 CAPLUS

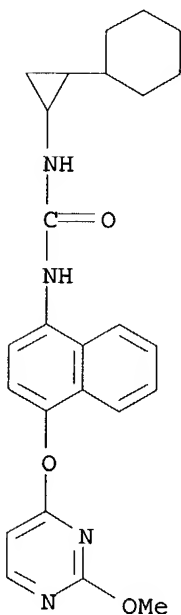
CN Urea, N-[4-[(2-amino-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-(2-cyclohexylcyclopropyl)- (9CI) (CA INDEX NAME)





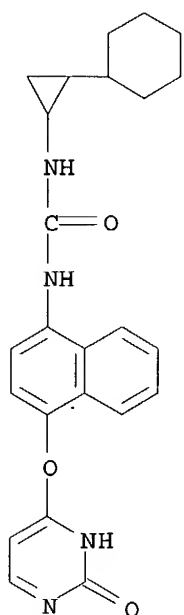
RN 478044-95-0 CAPLUS

CN Urea, N-(2-cyclohexylcyclopropyl)-N'-[4-[(2-amino-4-pyrimidinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



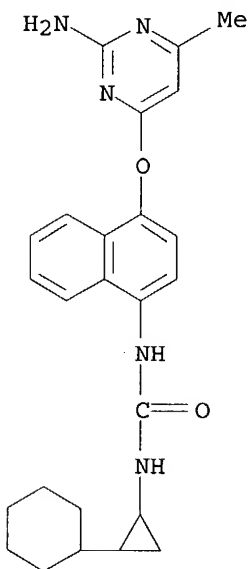
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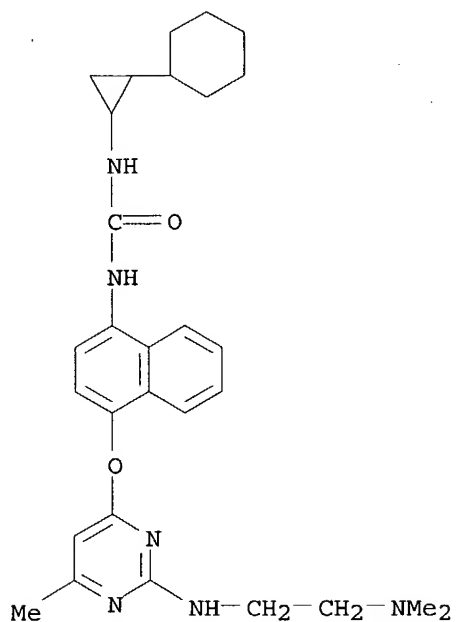
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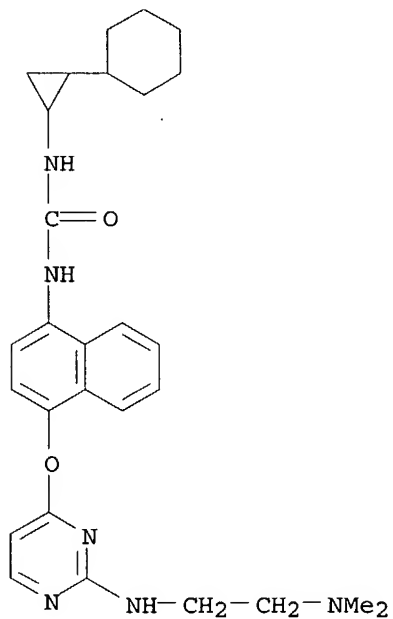
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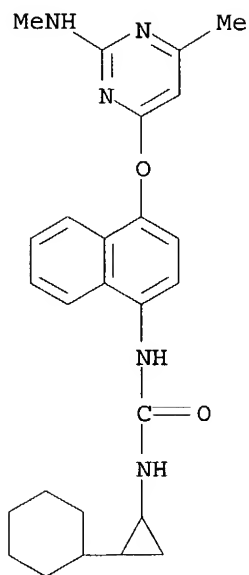
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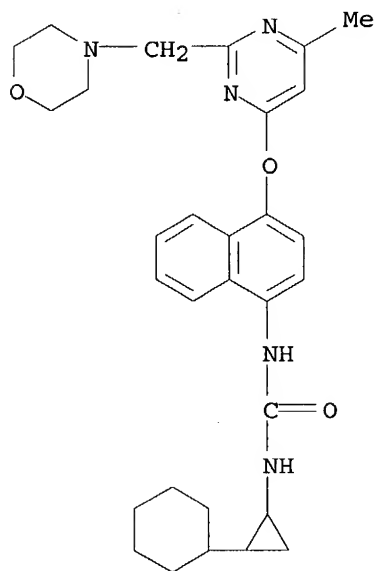
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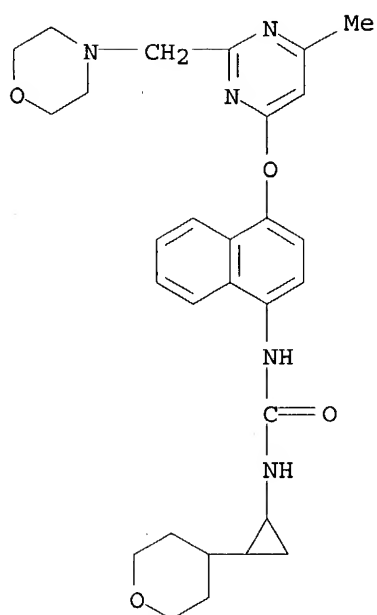
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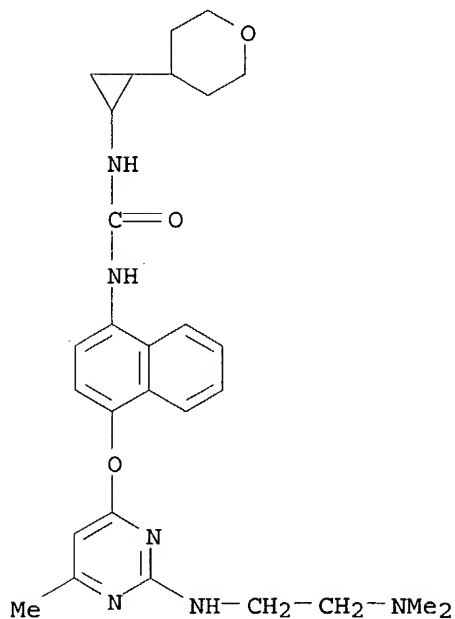
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RN 478045-59-9 CAPLUS

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L12 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:888719 CAPLUS

DOCUMENT NUMBER: 137:384854

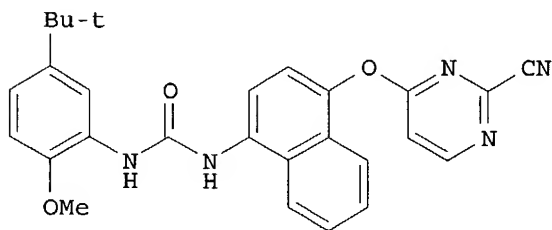
TITLE: Preparation of diaryl ureas as antiinflammatory agents

10632998

INVENTOR(S): Cirillo, Pier F.; Goldberg, Daniel R.; Hammach, Abdelhakim; Moss, Neil; Regan, John Robinson  
 PATENT ASSIGNEE(S): Roehringer Ingelheim Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 67 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092576	A1	20021121	WO 2002-US14733	20020508 <--
W: AE, AU, BG, BR, CA, CN, CO, CZ, EC, EE, HR, HU, ID, IL, IN, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1392661	A1	20040303	EP 2002-734324	20020508
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US 2003008868	A1	20030109	US 2002-143322	20020510
PRIORITY APPLN. INFO.: US 2001-291425P P 20010516				
WO 2002-US14733 W 20020508				

GI



I

AB The title diaryl ureas, useful in pharmaceutic compns. for treating a cytokine mediated diseases or conditions involving inflammation such as chronic inflammatory diseases, were prepared **Thus**, treating 4-(2-chloropyrimidin-4-yloxy)naphthalen-1-ylamine with Et<sub>3</sub>N in DMF followed by addition of Et<sub>4</sub>CN, and treatment of the resulting nitrile with phosgene, and reacting the intermediate with 5-tert-butyl-o-anisidine afforded the urea I.

IT 473269-90-8P 473269-96-4P 473271-63-5P  
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 473271-86-2P 473271-87-3P 473271-90-8P  
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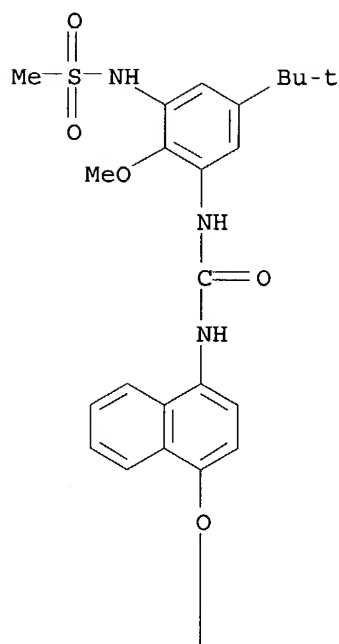
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
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(Uses)

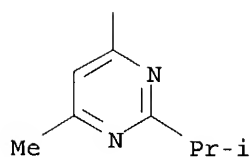
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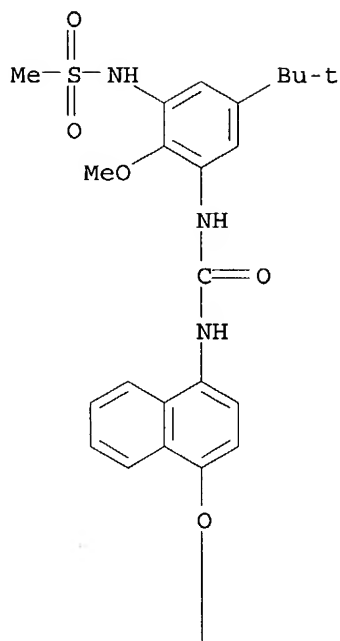


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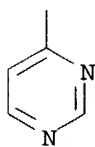
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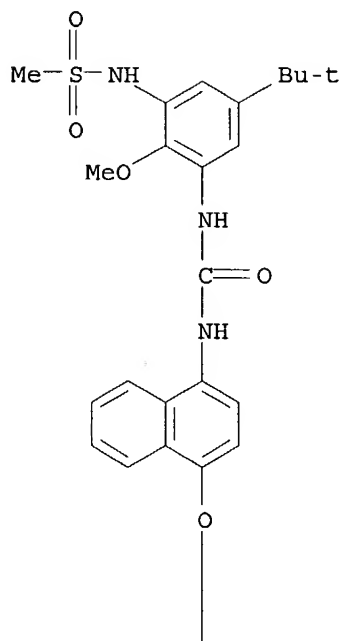
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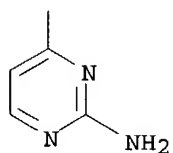
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CN Methanesulfonamide, N-[3-[[[4-[(2-amino-4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)

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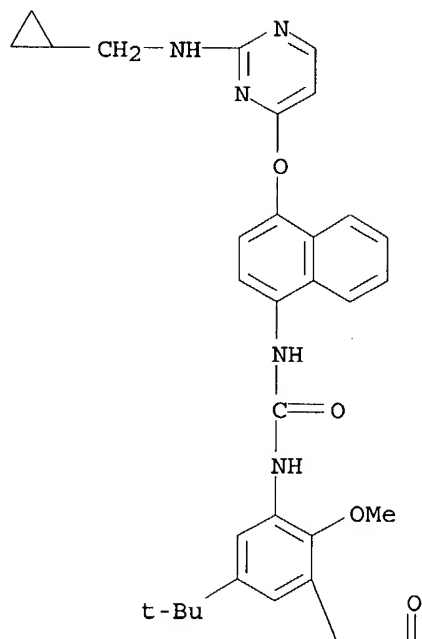
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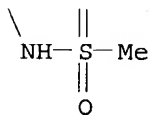
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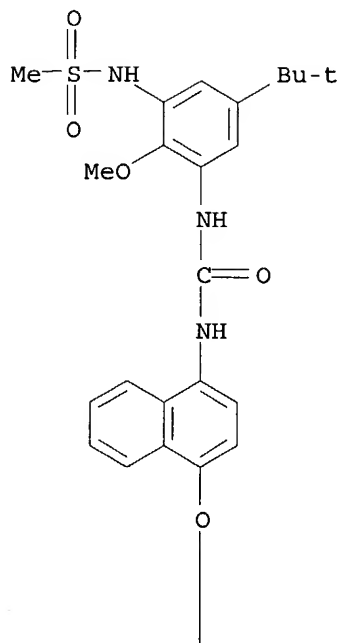


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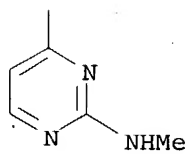


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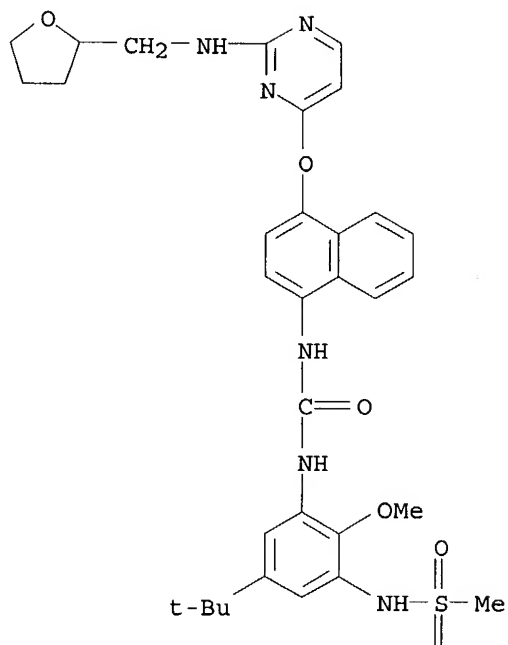


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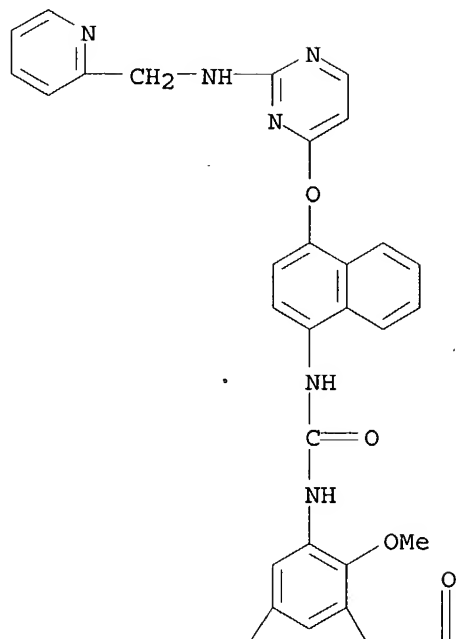


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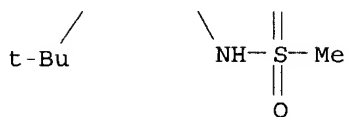


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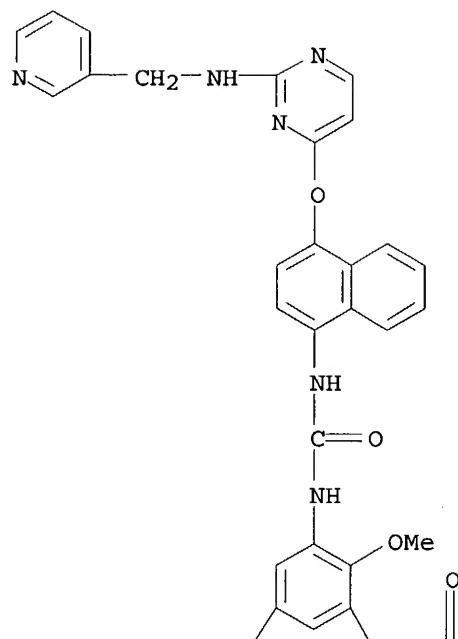


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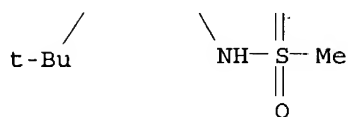


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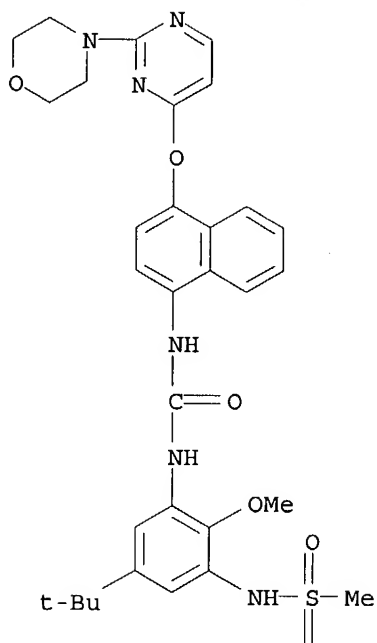


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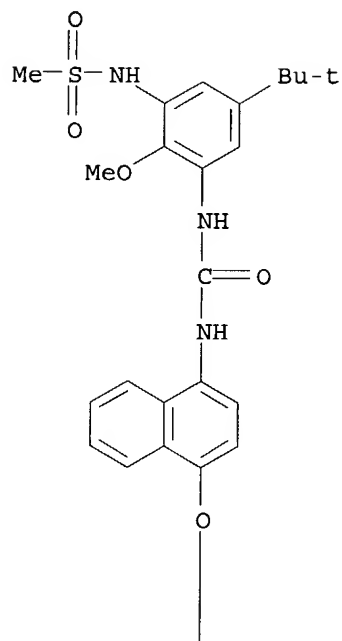
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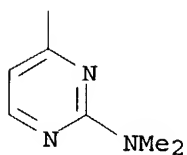
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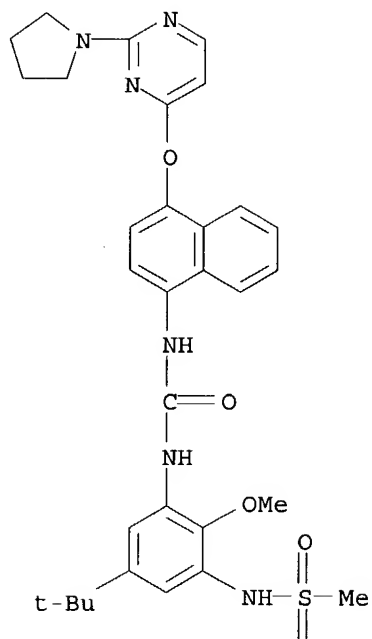


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RN 473271-96-4 CAPLUS  
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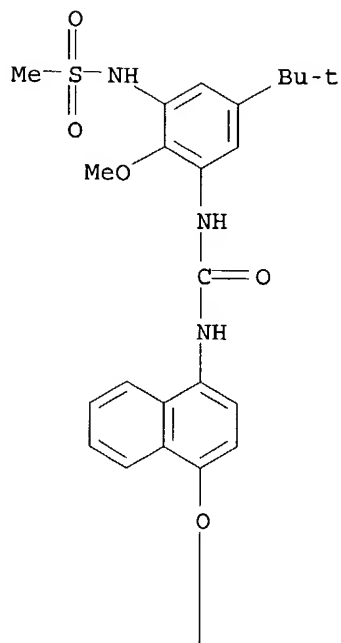
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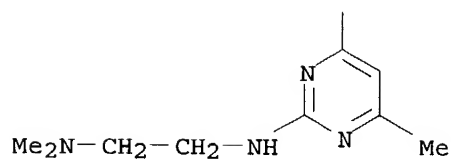
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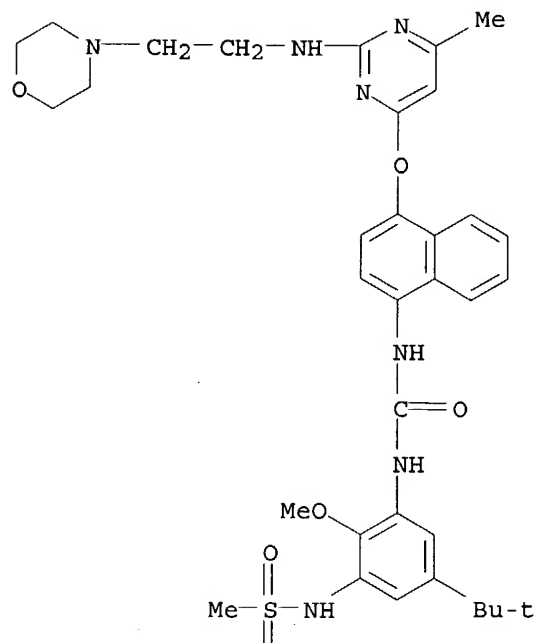
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RN 473272-08-1 CAPLUS

CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[6-methyl-2-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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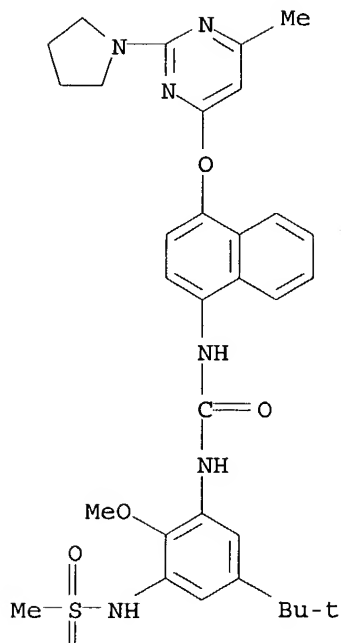


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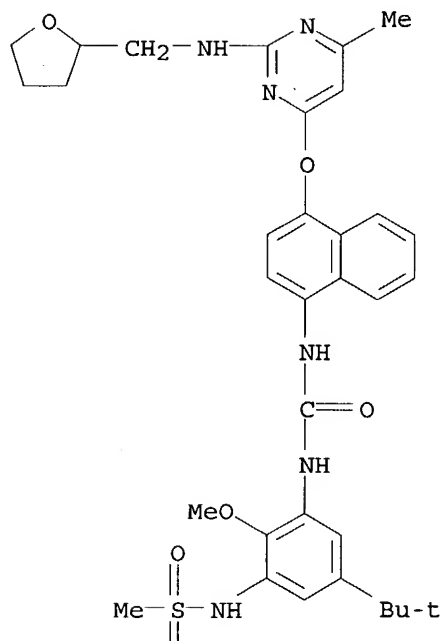


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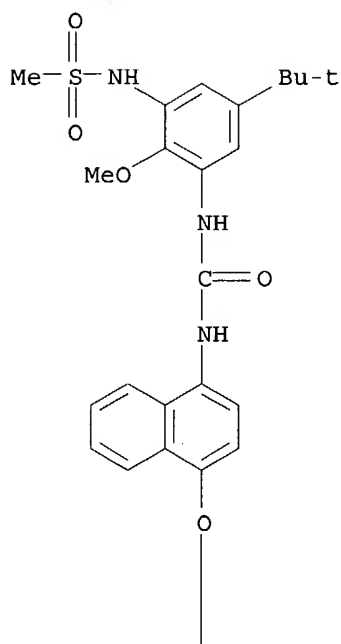


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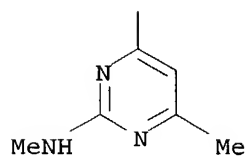


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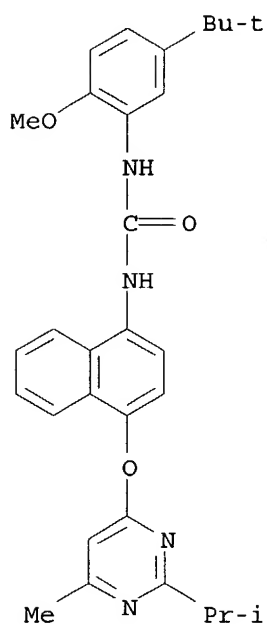


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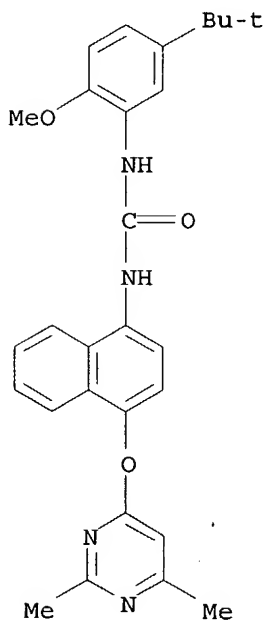
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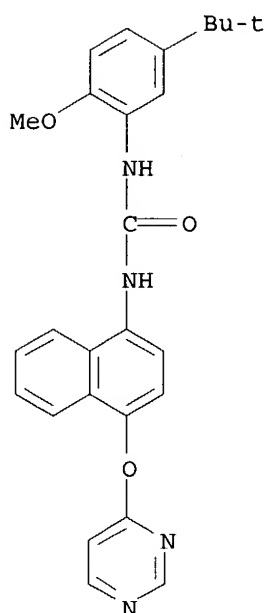
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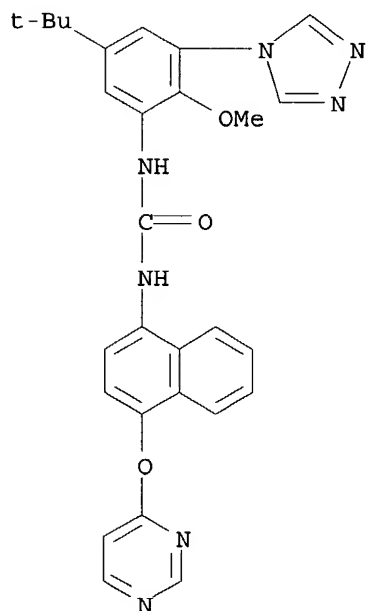
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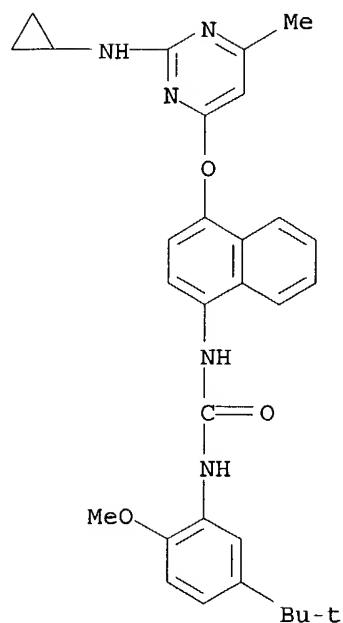
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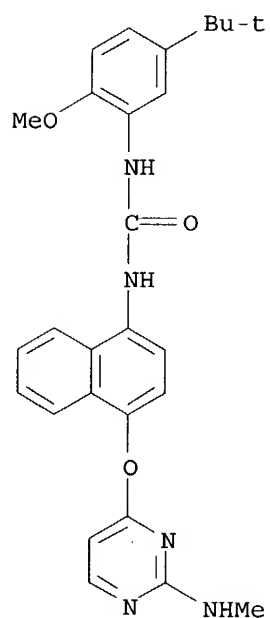
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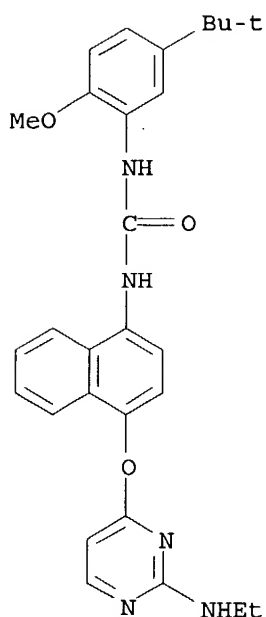
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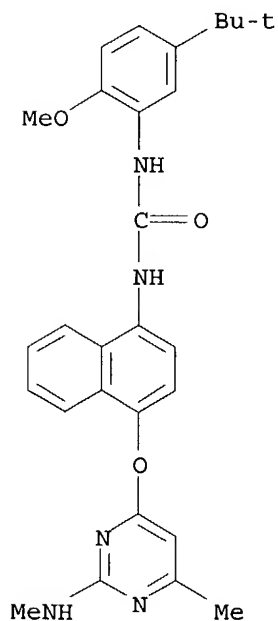
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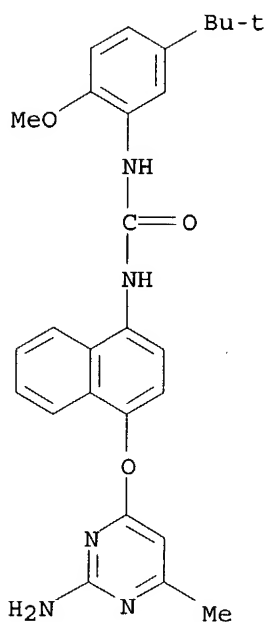
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CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-(methylamino)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



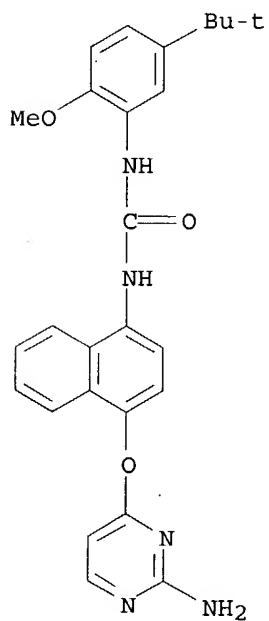
RN 476009-30-0 CAPLUS

CN Urea, N-[4-[(2-amino-6-methyl-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



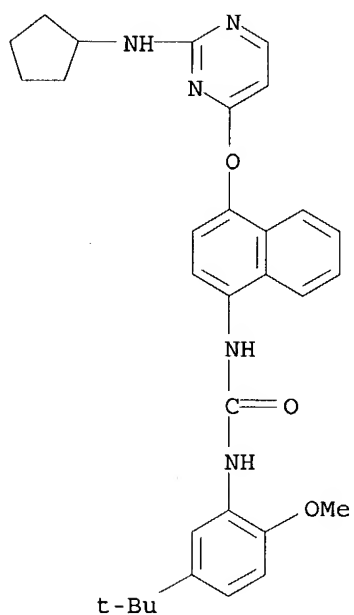
RN 476009-34-4 CAPLUS

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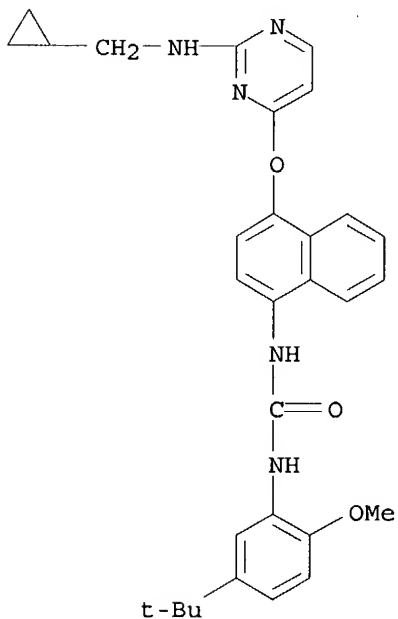
RN 476009-38-8 CAPLUS

CN Urea, N-[4-[(2-(cyclopentylamino)-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



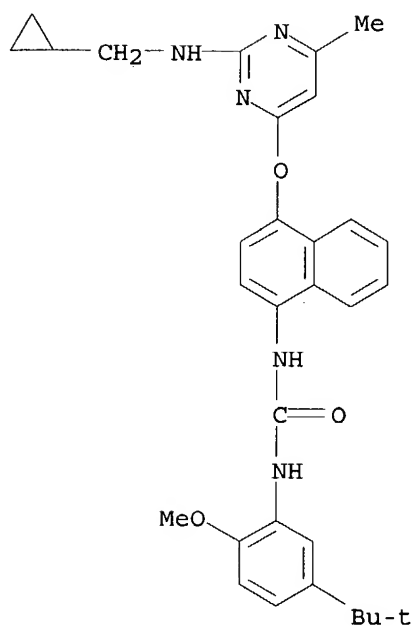
RN 476009-40-2 CAPLUS

CN Urea, N-[4-[[2-[(cyclopentylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



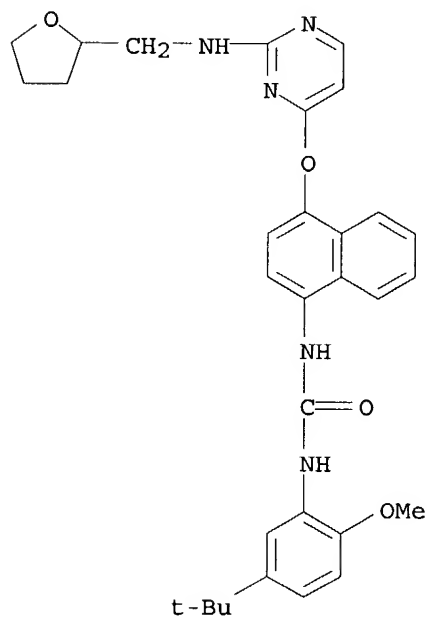
RN 476009-42-4 CAPLUS

CN Urea, N-[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 476009-43-5 CAPLUS

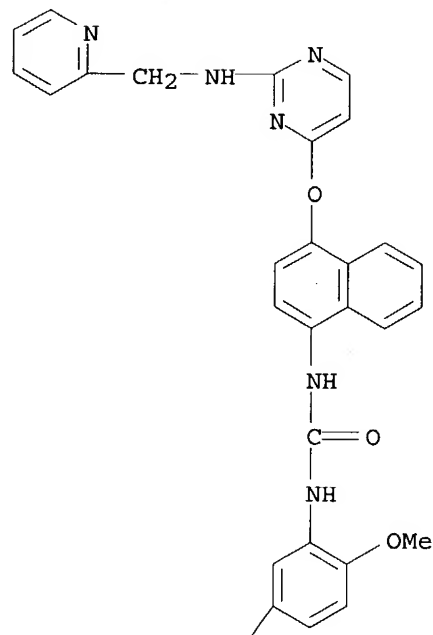
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[[4-(2-methyl-4-pyrimidinyl)oxy]-1-naphthalenyl]-2-furanyl]methyl]amino]- (9CI) (CA INDEX NAME)



RN 476009-46-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(2-pyridinylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

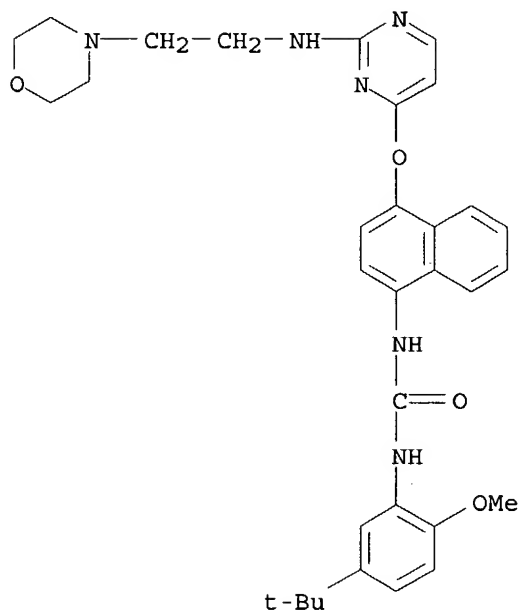
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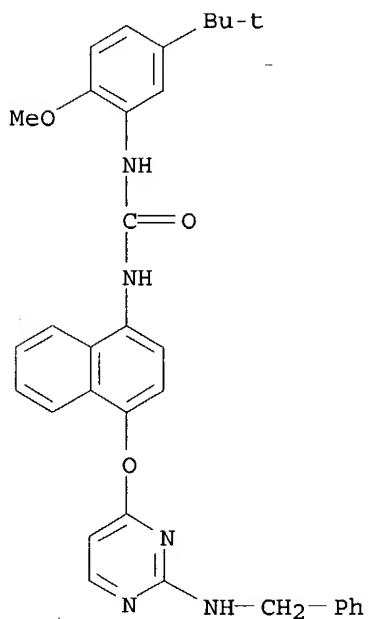


RN 476009-48-0 CAPLUS  
 CN Urea, N- [5- (1,1-dimethylethyl) -2-methoxyphenyl] -N' - [4- [[2- [[2- (4-morpholinyl) ethyl] amino] -4-pyrimidinyl] oxy] -1-naphthalenyl] - (9CI) (CA INDEX NAME)



RN 476009-49-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(phenylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

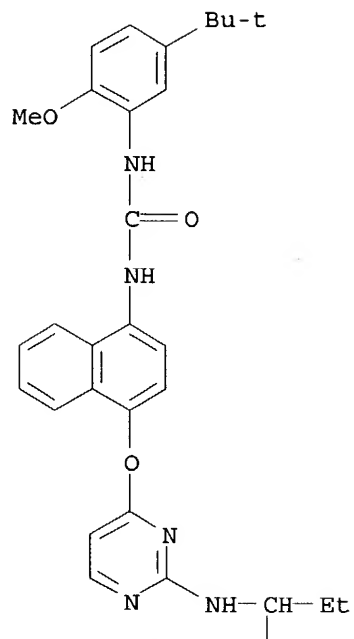


RN 476009-52-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(1-methylpropyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



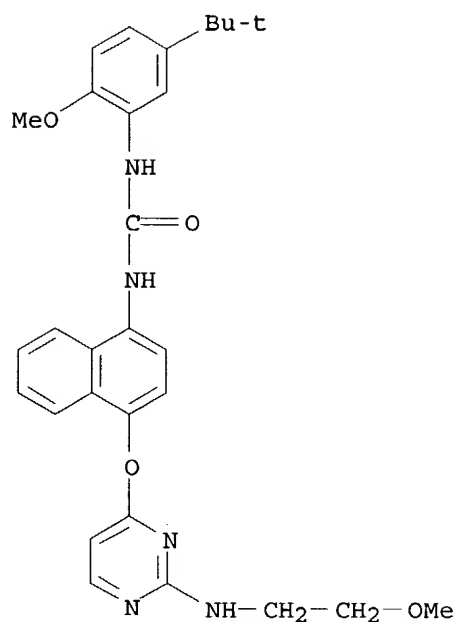
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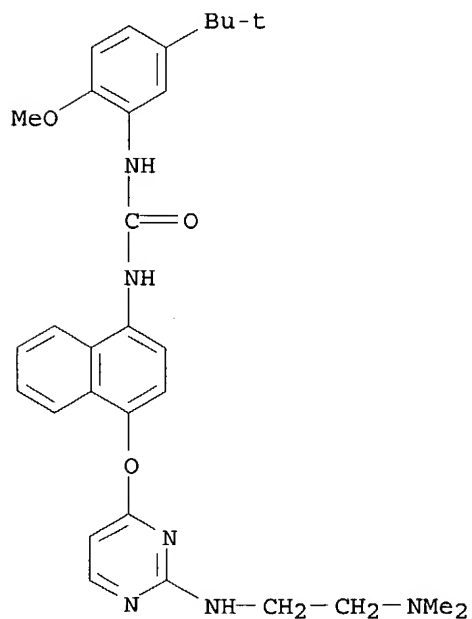


RN 476009-54-8 CAPLUS  
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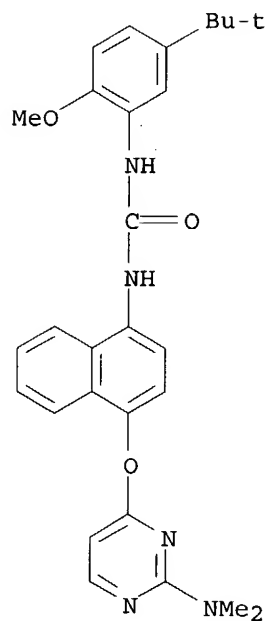
RN 476009-56-0 CAPLUS

CN Urea, N-[4-[[2-[(dimethylamino)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



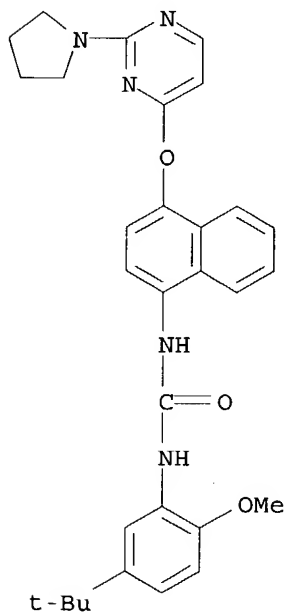
RN 476009-58-2 CAPLUS

CN Urea, N-[4-[[2-(dimethylamino)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



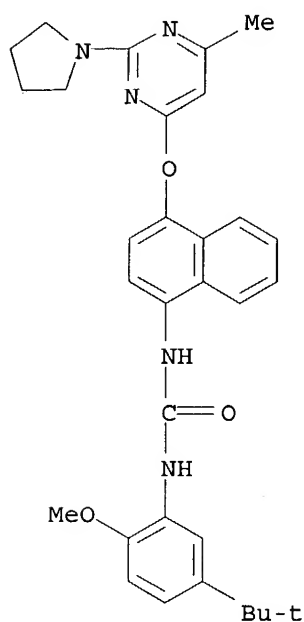
RN 476009-60-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(1-pyrrolidinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



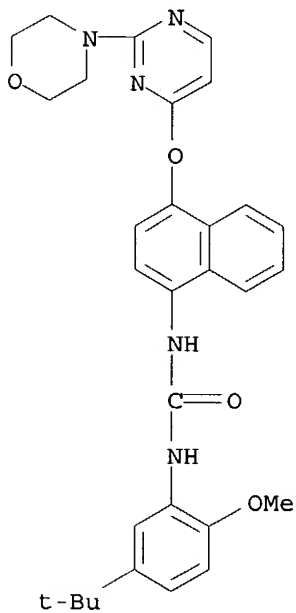
RN 476009-62-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-(1-pyrrolidinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



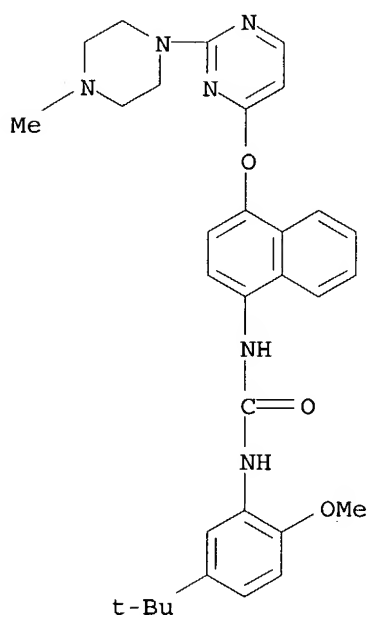
RN 476009-63-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(4-morpholinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



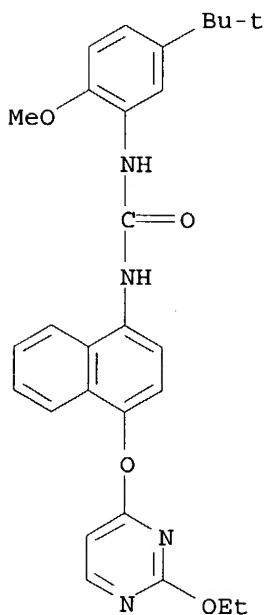
RN 476009-65-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(4-methyl-1-piperazinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



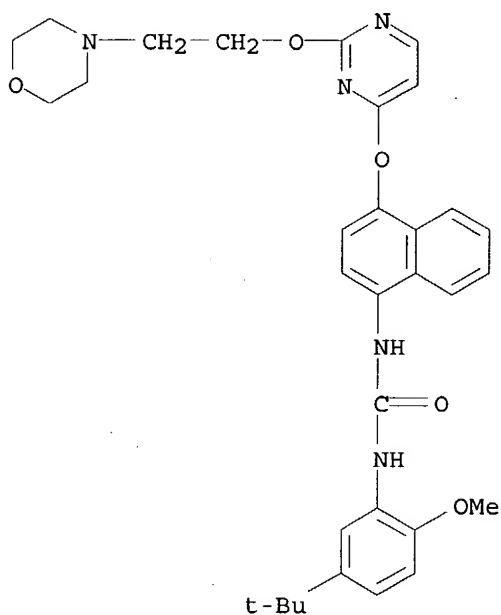
RN 476009-66-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[(2-ethoxy-4-pyrimidinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



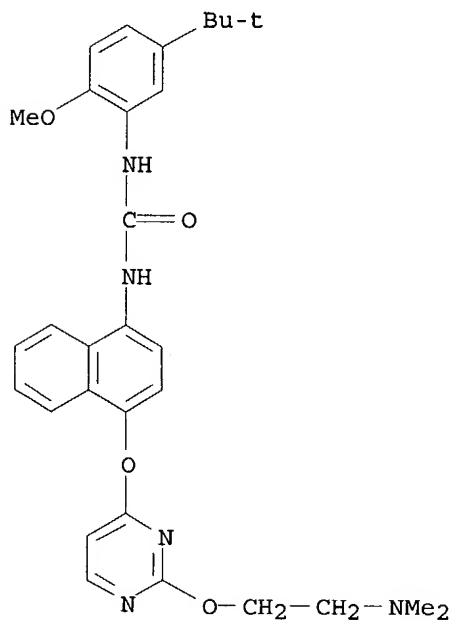
RN 476009-67-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[2-(4-morpholinyl)ethoxy]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



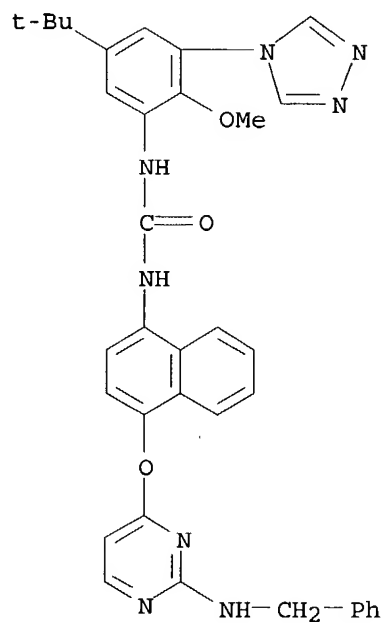
RN 476009-68-4 CAPLUS

CN Urea, N-[4-[[2-[2-(dimethylamino)ethoxy]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)



RN 476009-70-8 CAPLUS

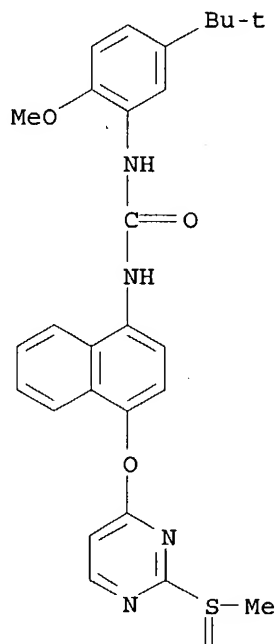
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxy-3-(4H-1,2,4-triazol-4-yl)phenyl]-N'-[4-[[2-[(phenylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



RN 476009-71-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(methanesulfinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

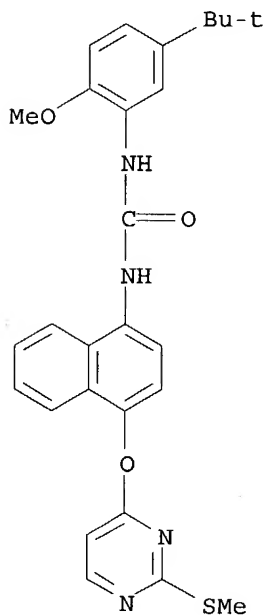
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RN 476009-72-0 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(methylthio)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

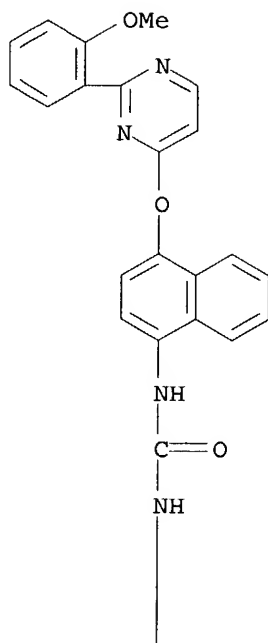


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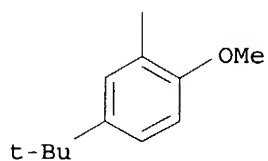
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(2-methoxyphenyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



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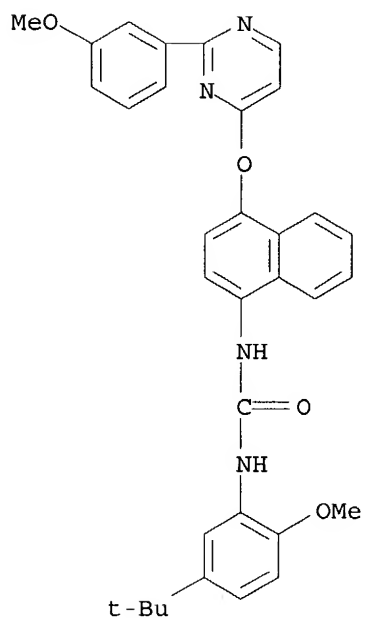


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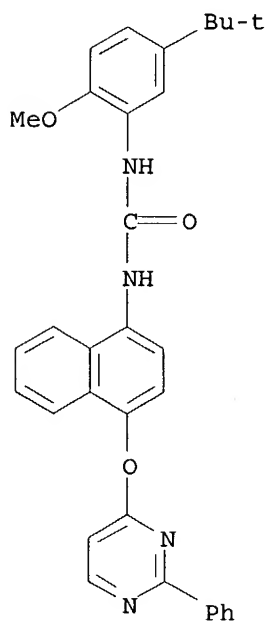
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CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-(3-methoxyphenyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476009-82-2 CAPLUS

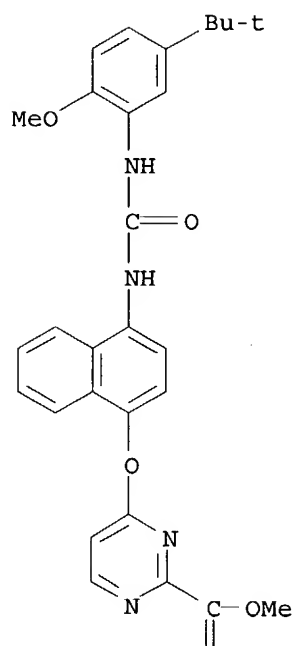
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[(2-phenyl-4-pyrimidinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476009-84-4 CAPLUS

CN 2-Pyrimidinecarboxylic acid, 4-[[[4-[[[5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)

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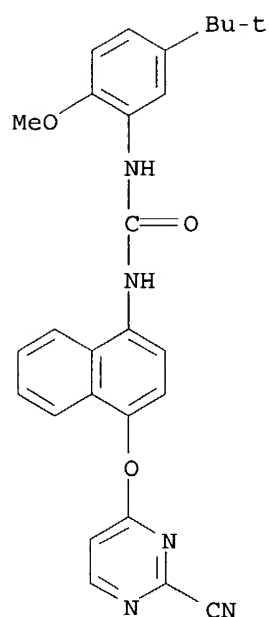


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RN 476009-87-7 CAPLUS

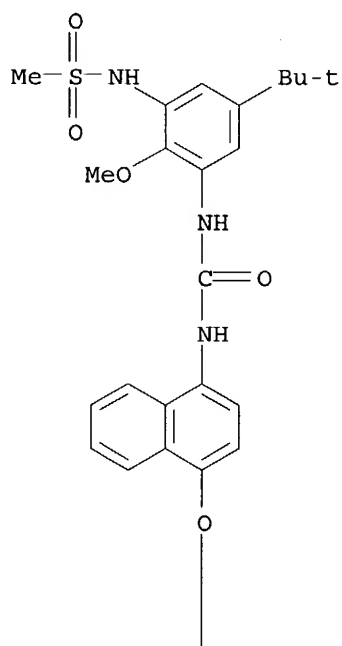
CN Urea, N-[4-[(2-cyano-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



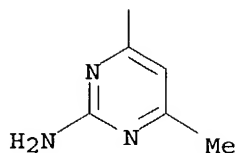
RN 476009-93-5 CAPLUS

CN Methanesulfonamide, N-[3-[[[4-[(2-amino-6-methyl-4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)

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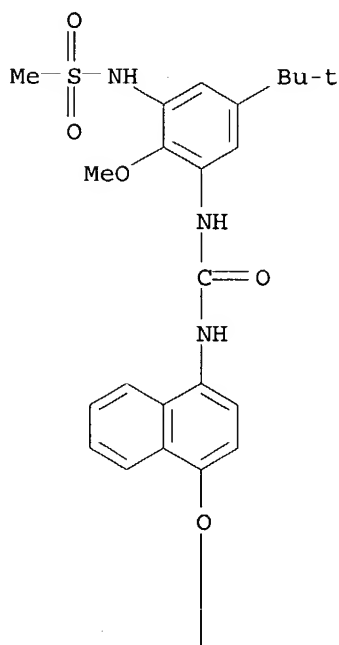
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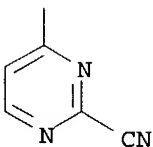
RN 476009-95-7 CAPLUS

CN Methanesulfonamide, N-[3-[[[4-[(2-cyano-4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)

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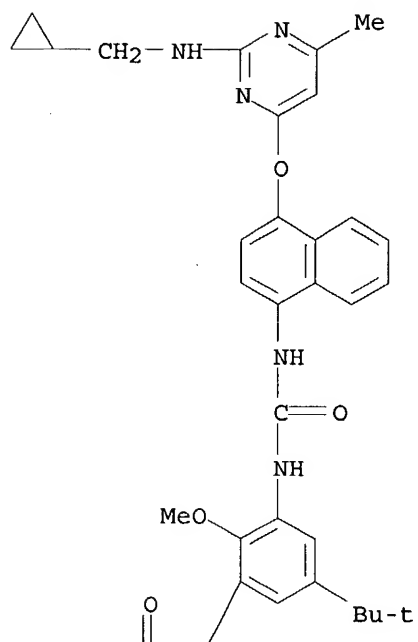
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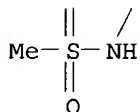
RN 476010-05-6 CAPLUS

CN Methanesulfonamide, N-[3-[[[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)

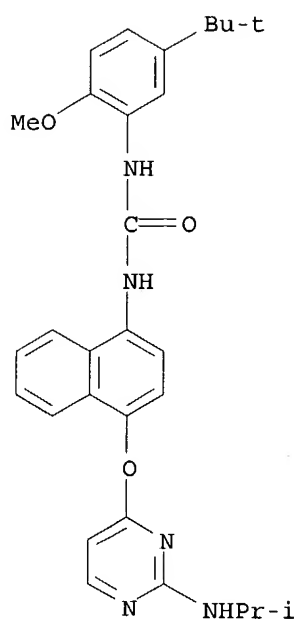
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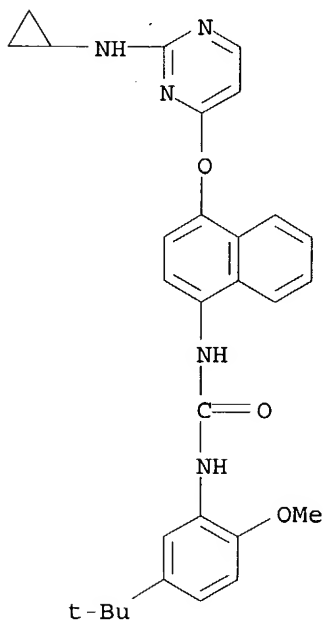


RN 476010-16-9 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(1-methylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476010-17-0 CAPLUS

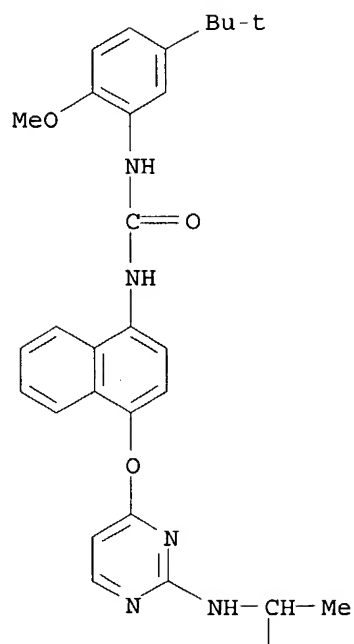
CN Urea, N-[4-[[2-(cyclopropylamino)-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 476010-19-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(1-phenylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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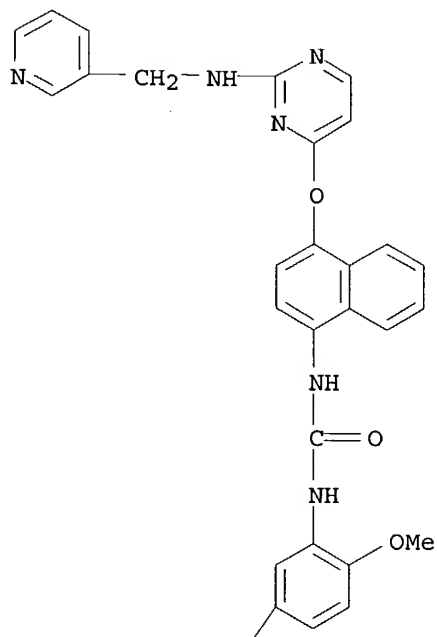
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RN 476010-20-5 CAPLUS  
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(3-pyridinylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



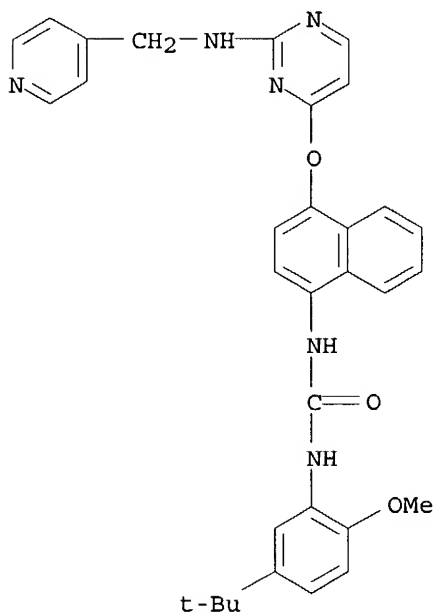
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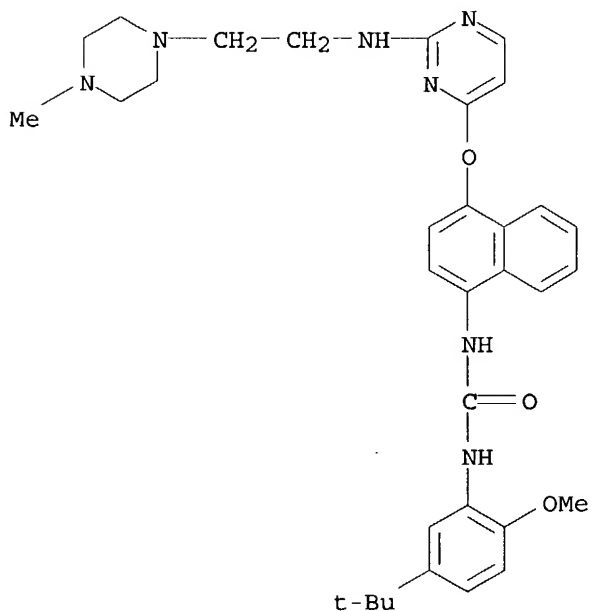
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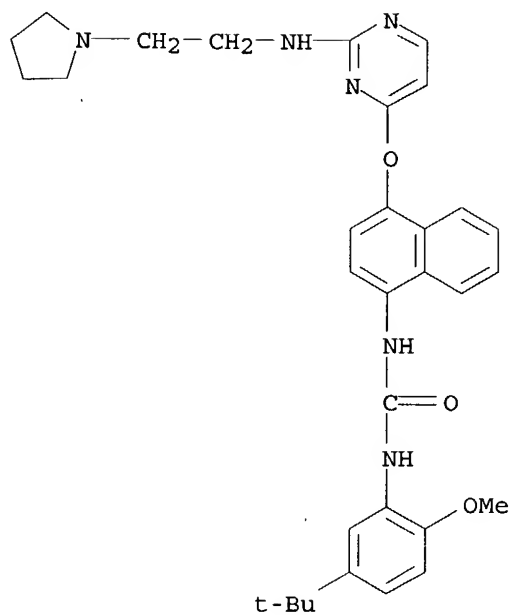
RN 476010-24-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[[2-(4-methyl-1-piperazinyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



RN 476010-26-1 CAPLUS

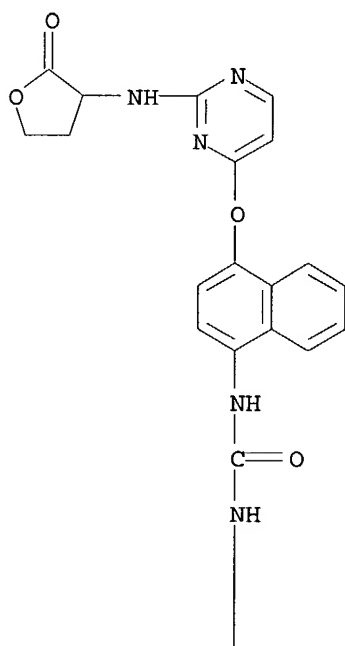
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[[2-(1-pyrrolidinyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



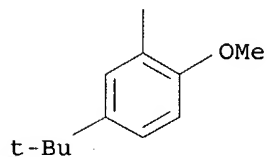
RN 476010-28-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(tetrahydro-2-oxo-3-furanyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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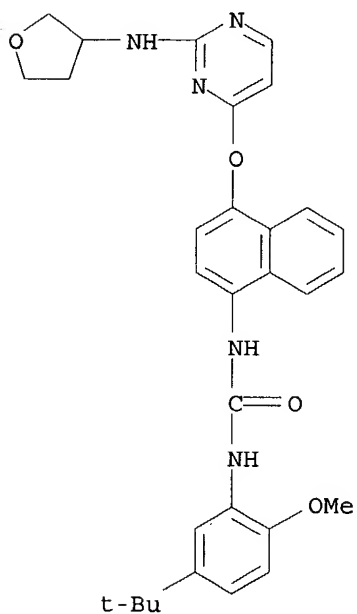


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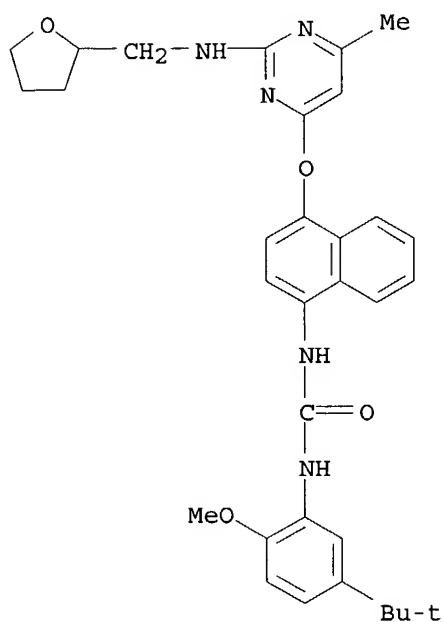
RN 476010-30-7 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(tetrahydro-3-furanyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



RN 476010-32-9 CAPLUS

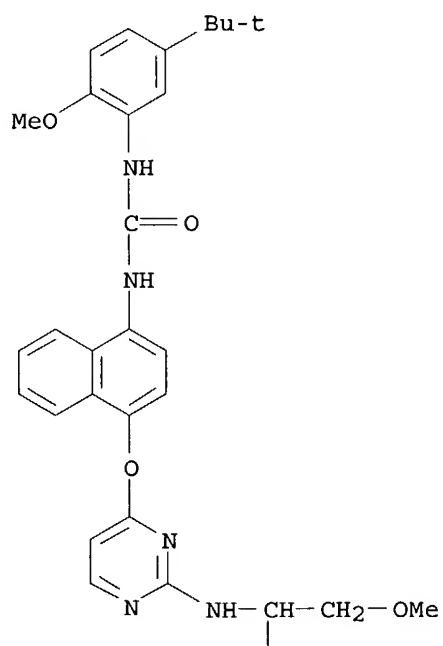
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-[[[(tetrahydro-2-furanyl)methyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-(9CI) (CA INDEX NAME)



RN 476010-34-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[(2-methoxy-1-methylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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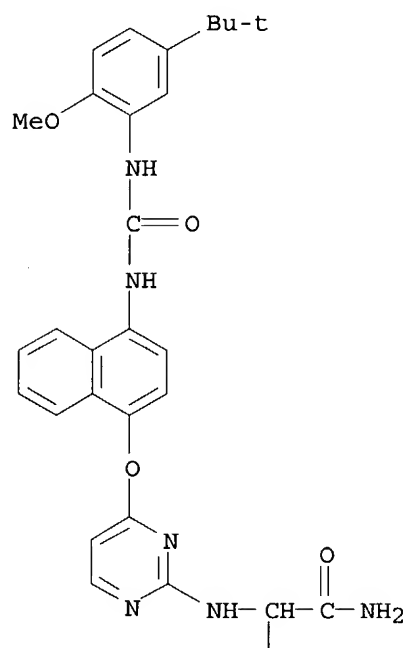


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RN 476010-36-3 CAPLUS  
 CN Propanamide, 2-[[4-[[4-[[[5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyrimidinyl]amino]- (9CI) (CA INDEX NAME)

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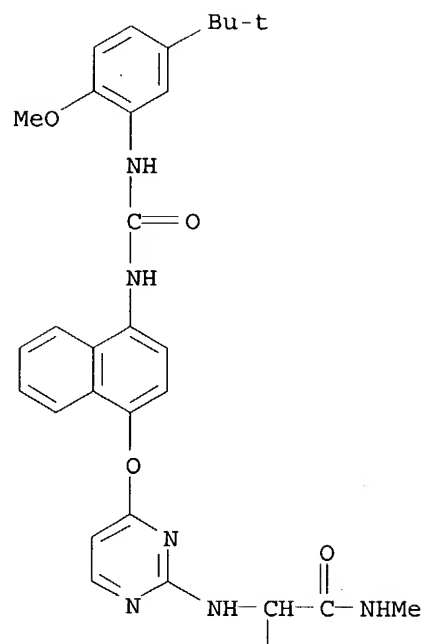


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RN 476010-38-5 CAPLUS  
 CN Propanamide, 2-[[4-[[4-[[[5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyrimidinyl]amino]-N-methyl- (9CI) (CA INDEX NAME)

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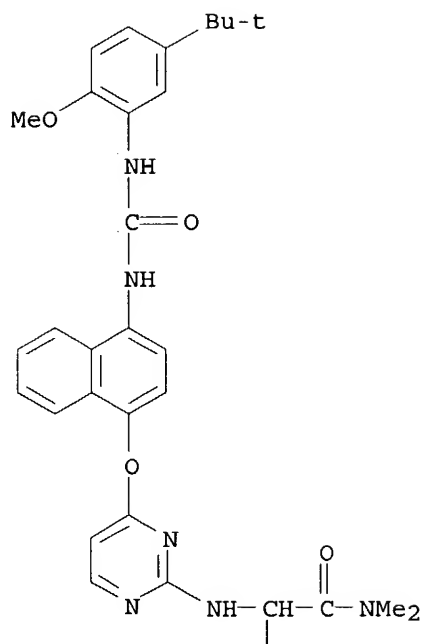


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RN 476010-40-9 CAPLUS  
 CN Propanamide, 2-[[4-[[4-[[[5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyrimidinyl]amino]-N,N-dimethyl- (9CI) (CA INDEX NAME)

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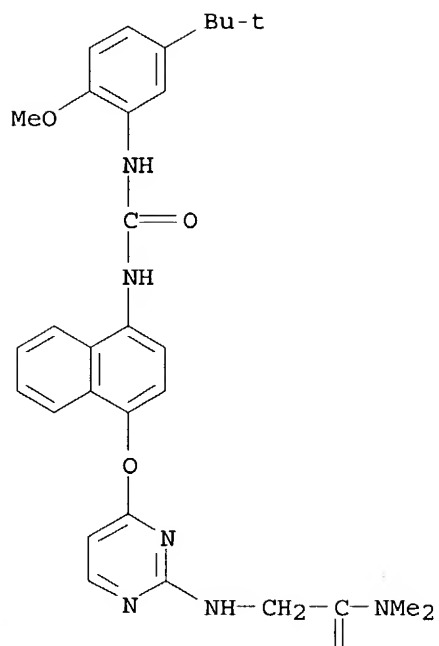
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Me

RN 476010-42-1 CAPLUS  
 CN Acetamide, 2-[[[4-[[[5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-2-pyrimidinyl]amino]-N,N-dimethyl- (9CI) (CA INDEX NAME)



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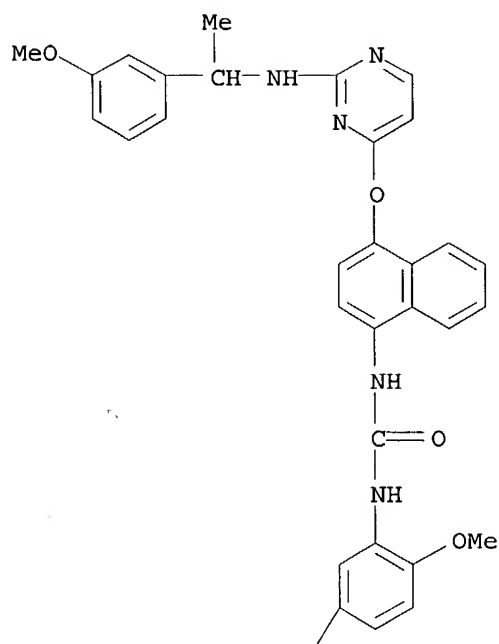


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RN 476010-44-3 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[[1-(3-methoxyphenyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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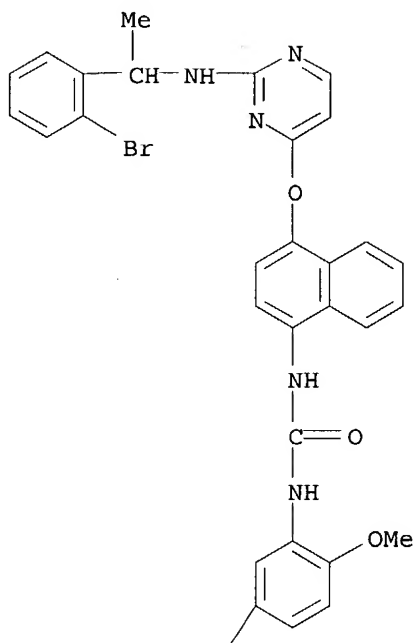


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t-Bu

RN 476010-46-5 CAPLUS  
CN Urea, N- [4- [[2- [[1- (2-bromophenyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'- [5- (1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)

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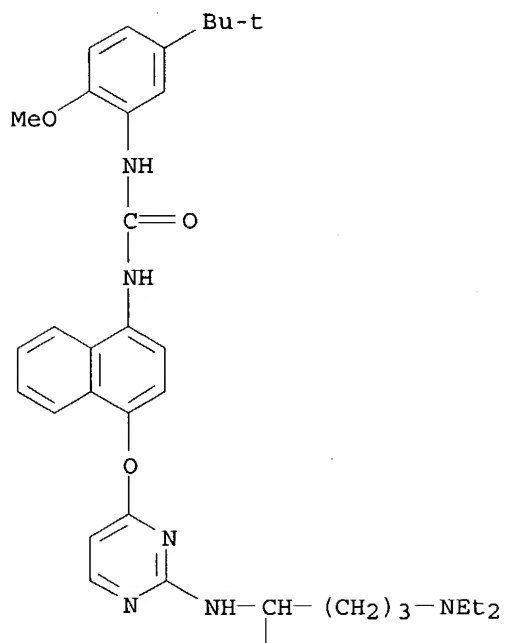


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t-Bu

RN 476010-48-7 CAPLUS  
CN Urea, N-[4-[[2-[[4-(diethylamino)-1-methylbutyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)

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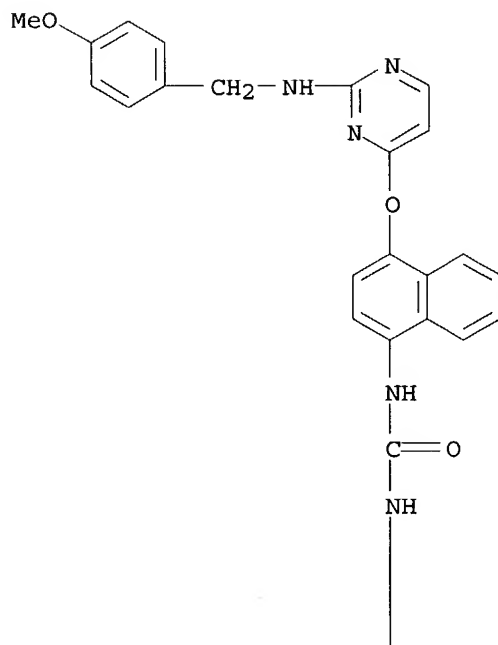
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Me

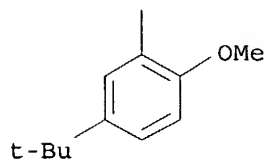
RN 476010-50-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[2-[[4-methoxyphenyl)methyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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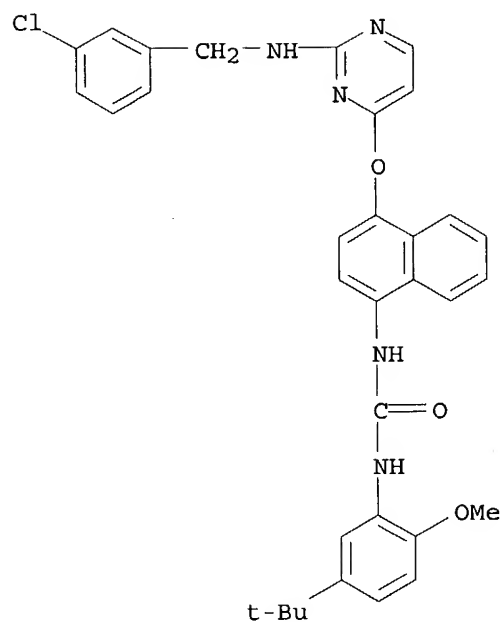


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RN 476010-52-3 CAPLUS

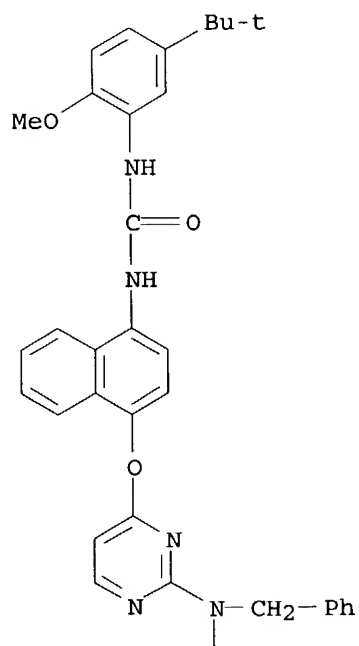
CN Urea, N-[4-[[2-[[[(3-chlorophenyl)methyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 476010-53-4 CAPLUS

CN Urea, N- [5- (1,1-dimethylethyl) -2-methoxyphenyl] -N'- [4- [[2-  
[methyl (phenylmethyl) amino] -4-pyrimidinyl]oxy] -1-naphthalenyl] - (9CI) (CA  
INDEX NAME)

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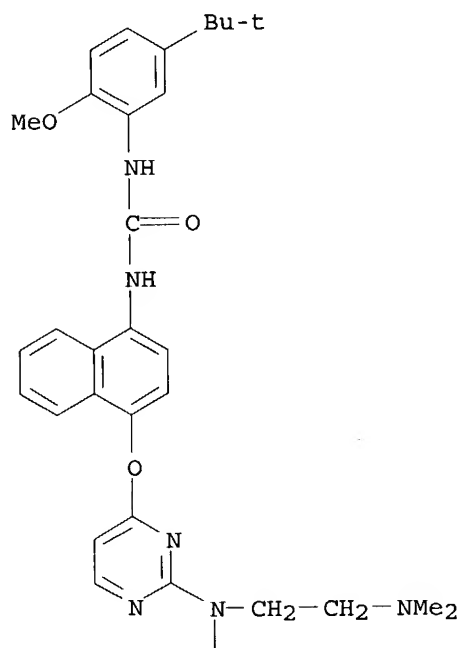


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RN 476010-54-5 CAPLUS  
CN Urea, N-[4-[[2-[[2-(dimethylamino)ethyl]methylamino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)

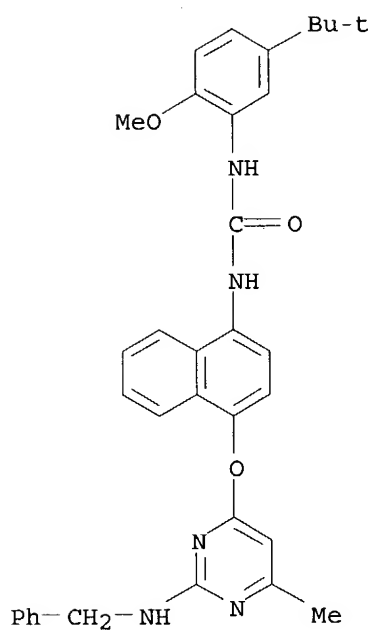
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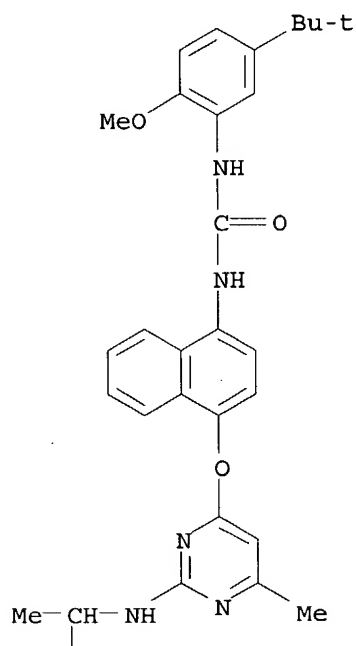
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CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-[(phenylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476010-58-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-[(1-phenylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

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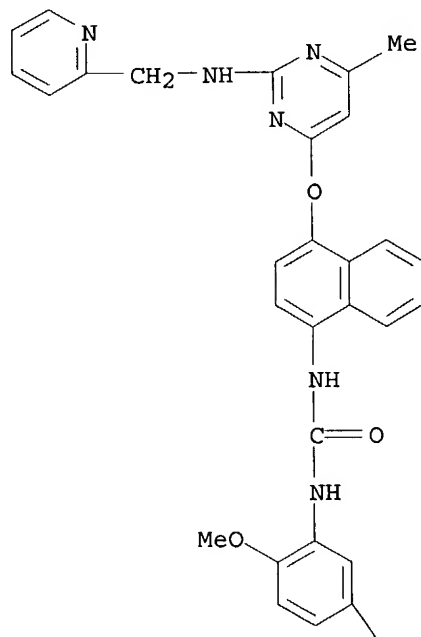


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RN 476010-60-3 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-[(2-pyridinylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

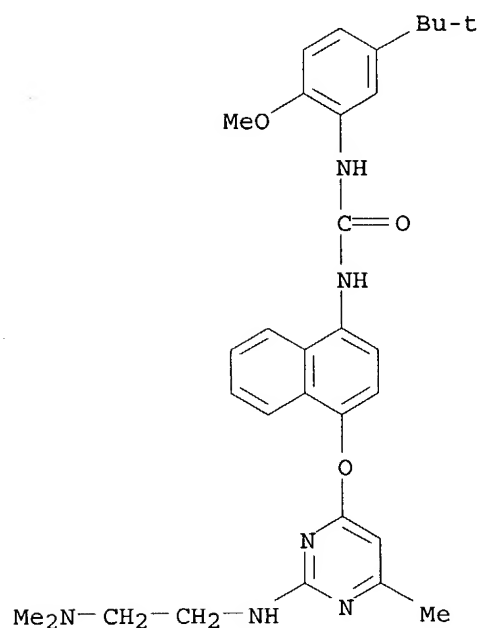
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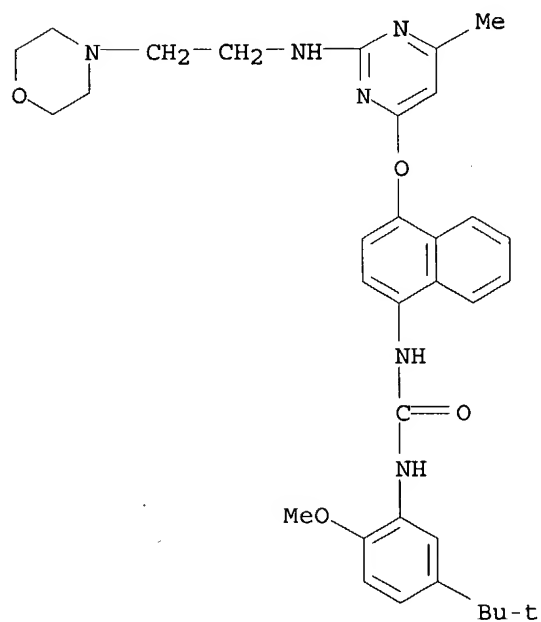


RN 476010-62-5 CAPLUS  
 CN Urea, N-[4-[[2-[[2-(dimethylamino)ethyl]amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



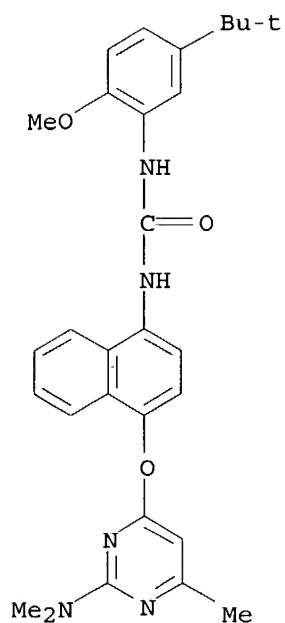
RN 476010-64-7 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[[6-methyl-2-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476010-65-8 CAPLUS

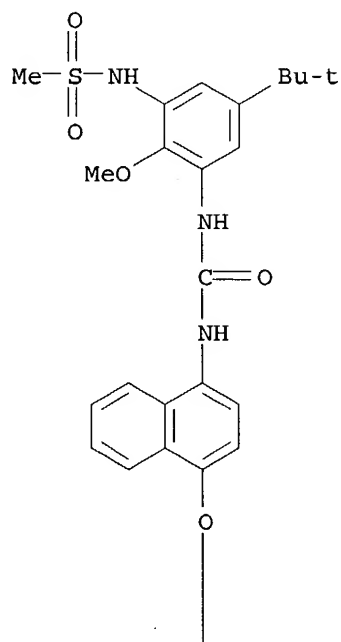
CN Urea, N-[4-[[2-(dimethylamino)-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



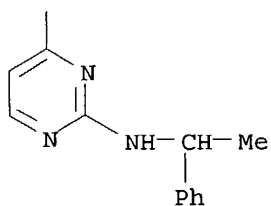
RN 476010-68-1 CAPLUS

CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-[(1-phenylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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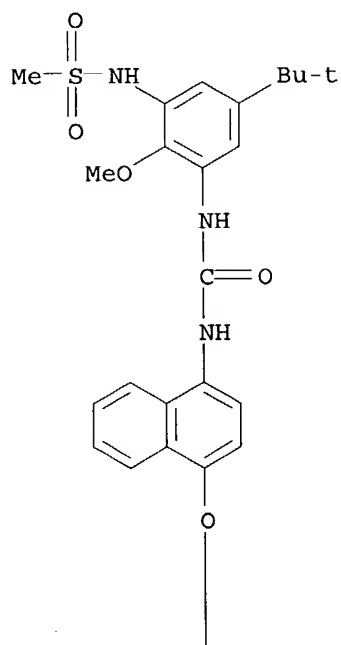
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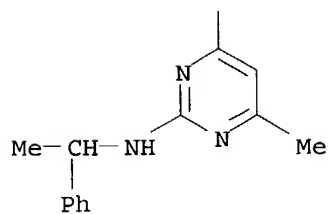
RN 476010-72-7 CAPLUS

CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[6-methyl-2-[(1-phenylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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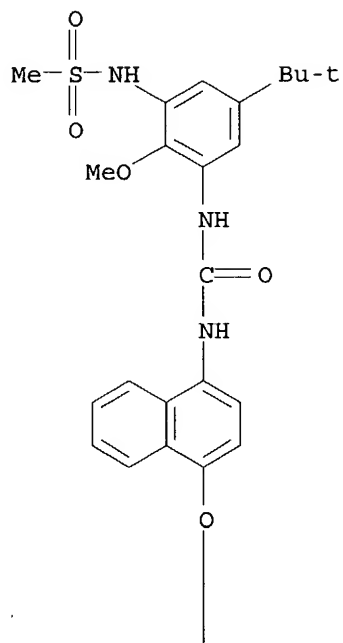


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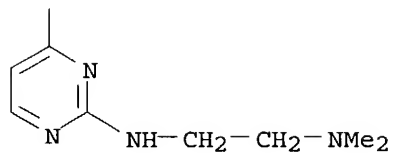
CN Methanesulfonamide, N-[3-[[[4-[[2-[[2-(dimethylamino)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-

dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)

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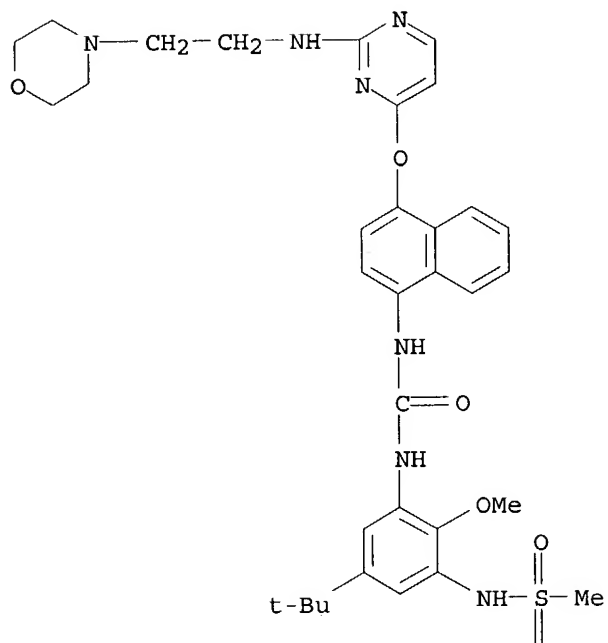


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RN 476010-77-2 CAPLUS  
 CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-[[2-(4-morpholinyl)ethyl]amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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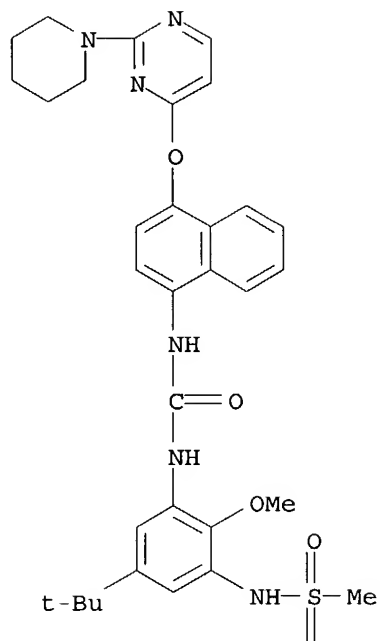


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RN 476010-79-4 CAPLUS  
 CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(1-piperidinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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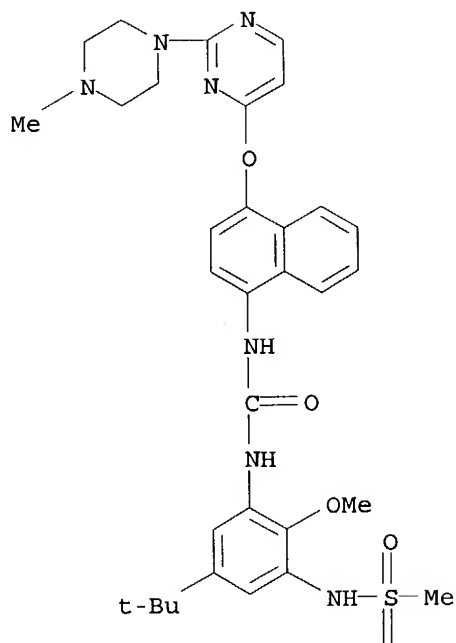


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RN 476010-81-8 CAPLUS  
 CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(4-methyl-1-piperazinyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]aminophenyl]- (9CI) (CA INDEX NAME)

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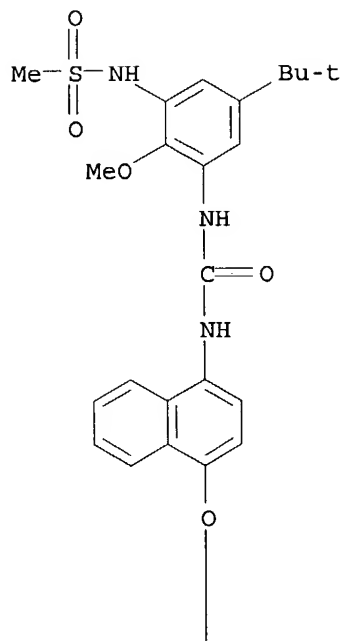
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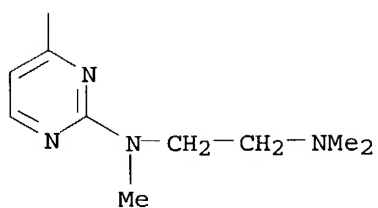
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 CN Methanesulfonamide, N-[3-[[[4-[[2-[[2-(dimethylamino)ethyl]methylamino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



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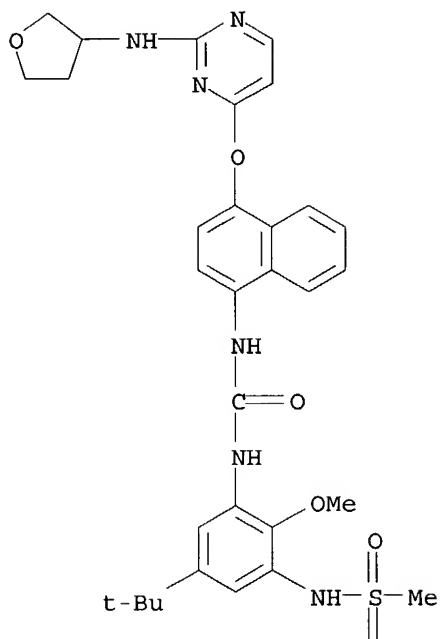


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RN 476010-86-3 CAPLUS  
 CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-  
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 naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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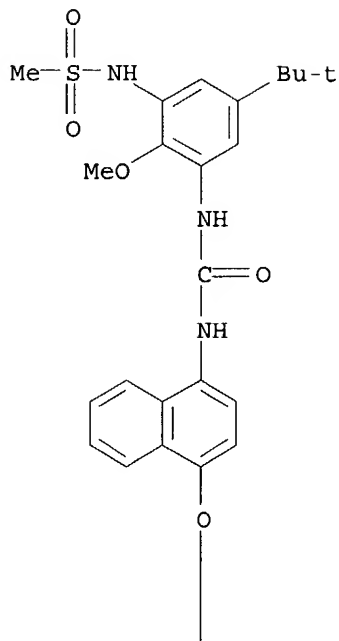


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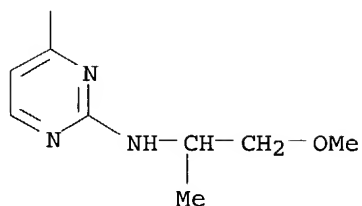


RN 476010-88-5 CAPLUS  
 CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-[(2-methoxy-1-methylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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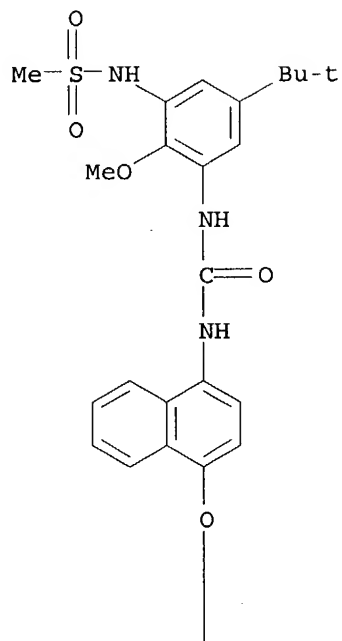


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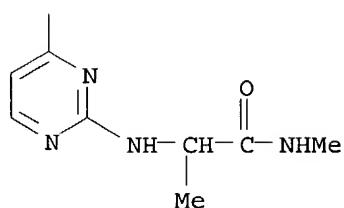


RN 476010-90-9 CAPLUS  
 CN Propanamide, 2-[[4-[[[4-[[[5-(1,1-dimethylethyl)-2-methoxy-3-  
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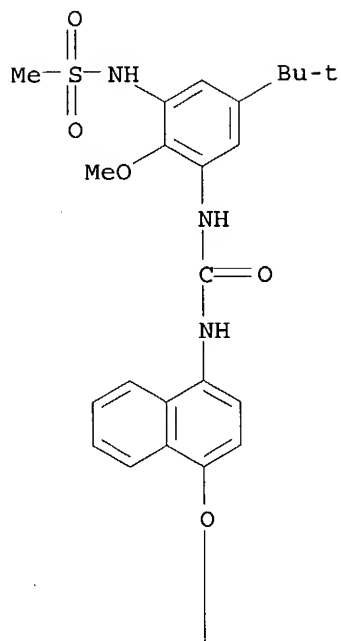


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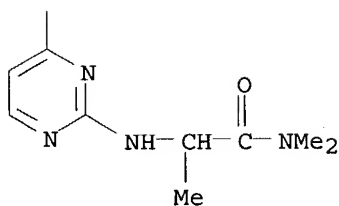


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 CN Propanamide, 2-[[4-[[4-[[[5-(1,1-dimethylethyl)-2-methoxy-3-  
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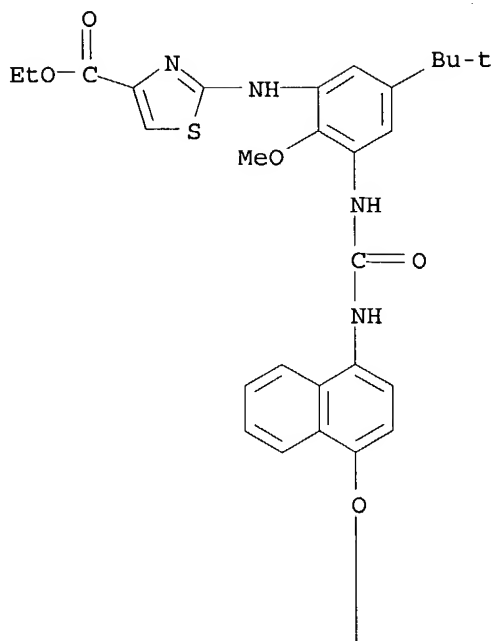
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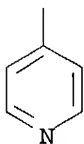
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CN 4-Thiazolecarboxylic acid, 2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

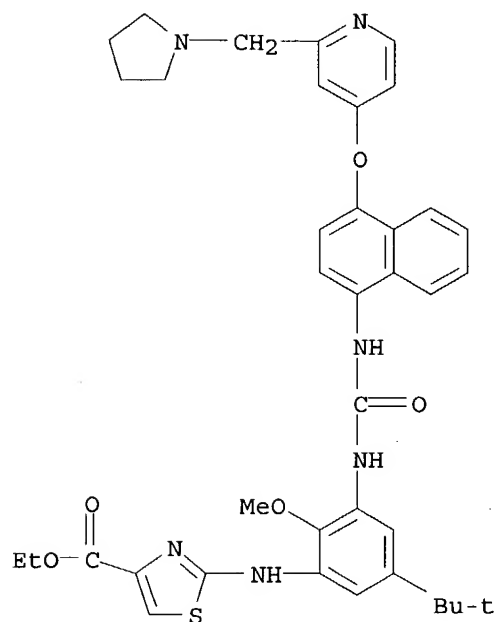
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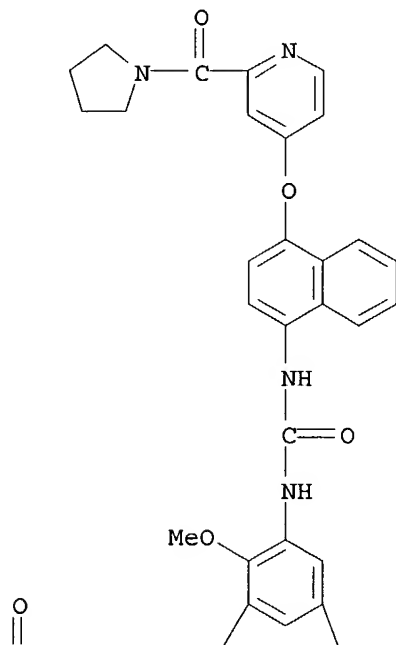
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CN 4-Thiazolecarboxylic acid, 2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[[4-[[2-(1-pyrrolidinylmethyl)-4-pyridinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



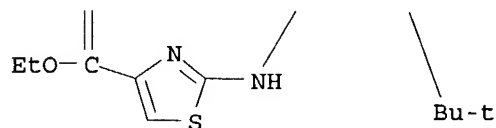
RN 476010-99-8 CAPLUS

CN 4-Thiazolecarboxylic acid, 2-[[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(1-pyrrolidinylcarbonyl)-4-pyridinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

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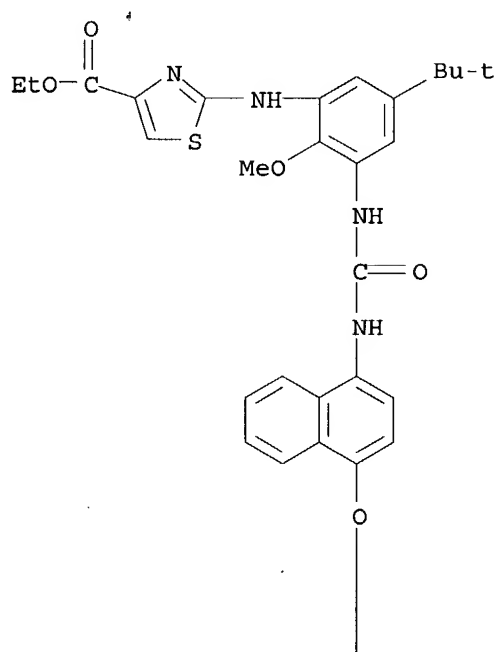
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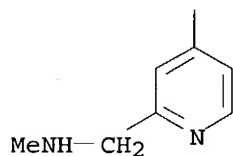
RN 476011-01-5 CAPLUS

CN 4-Thiazolecarboxylic acid, 2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-[(methylamino)methyl]-4-pyridinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

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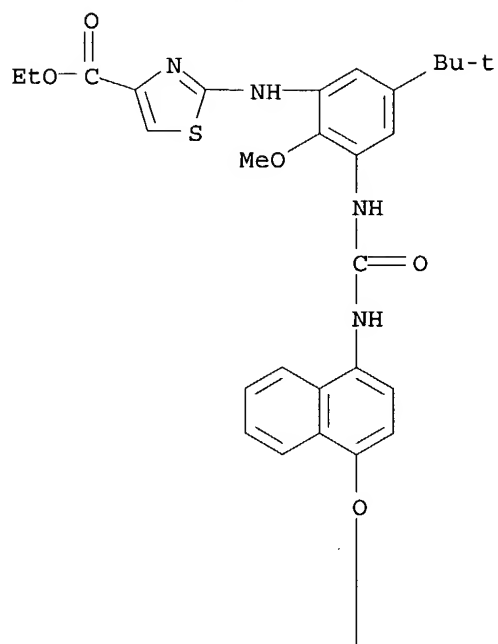


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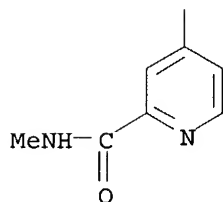
CN 4-Thiazolecarboxylic acid, 2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-[(methylamino)carbonyl]-4-pyridinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)



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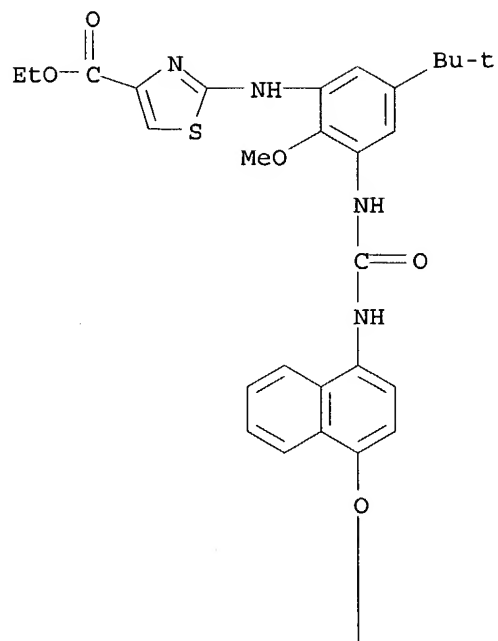
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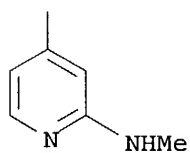
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CN 4-Thiazolecarboxylic acid, 2-[[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(methylamino)-4-pyridinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

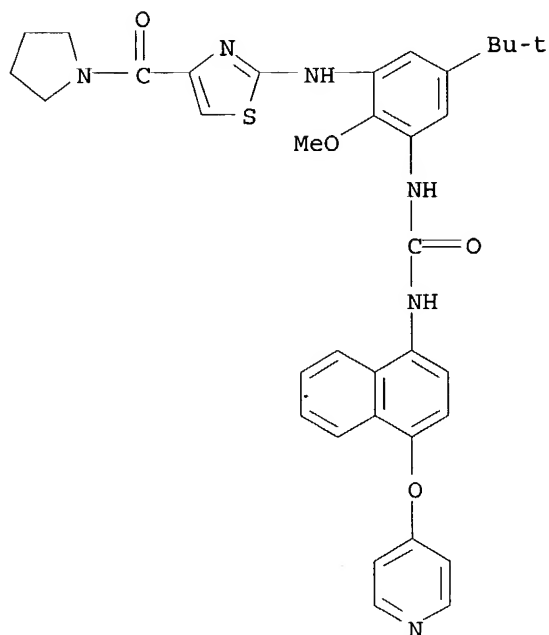
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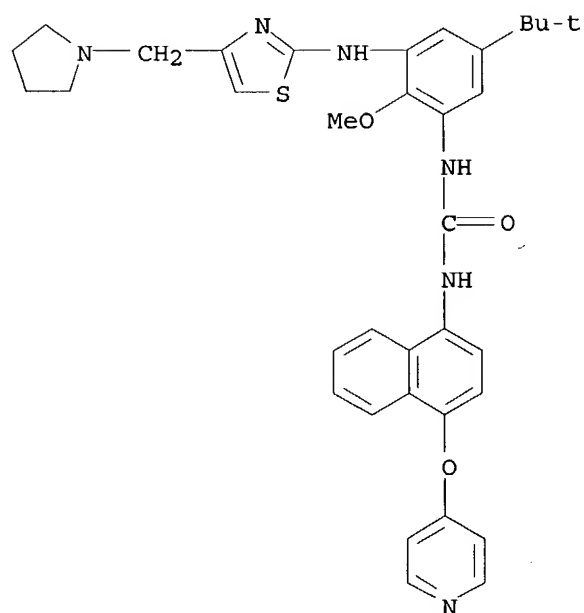


RN 476011-06-0 CAPLUS  
 CN Pyrrolidine, 1-[[2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-4-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 476011-08-2 CAPLUS

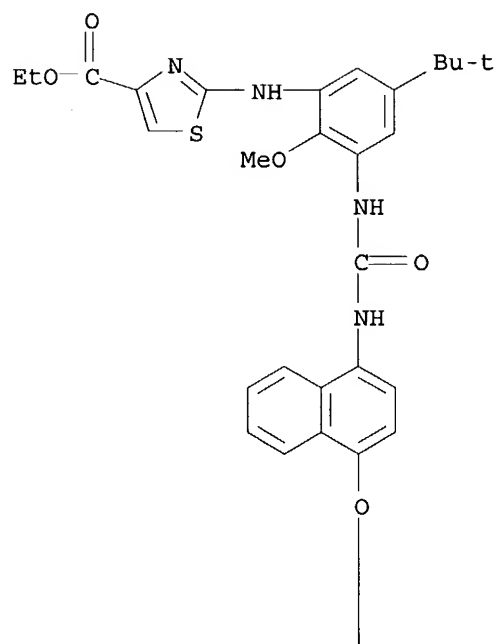
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[4-(1-pyrrolidinylmethyl)-2-thiazolyl]amino]phenyl]-N'-[4-(4-pyridinyloxy)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



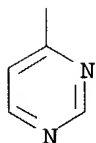
RN 476011-10-6 CAPLUS

CN 4-Thiazolecarboxylic acid, 2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyrimidinylloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

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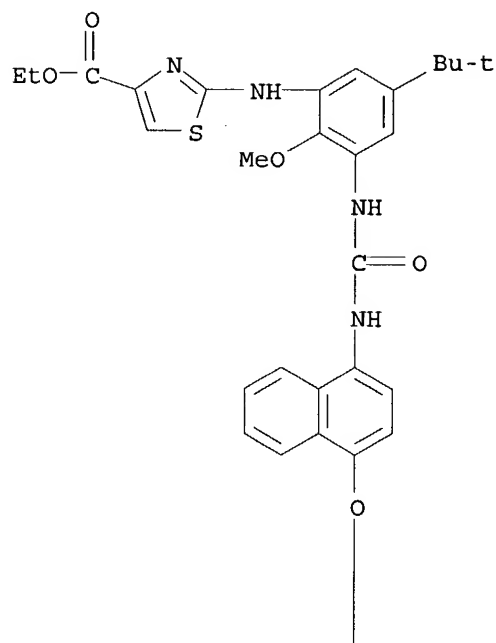


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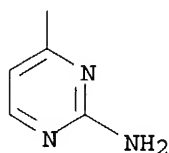


RN 476011-12-8 CAPLUS  
 CN 4-Thiazolecarboxylic acid, 2-[[3-[[[4-[(2-amino-4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

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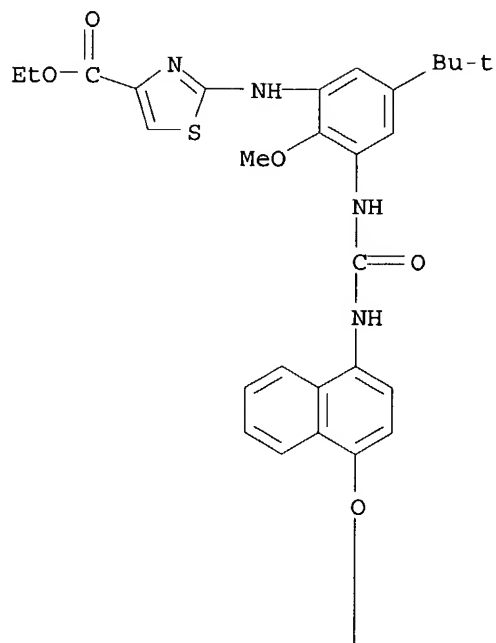


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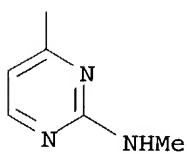


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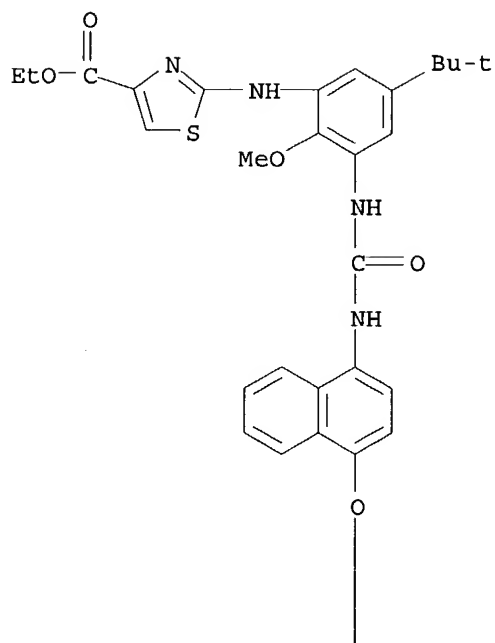


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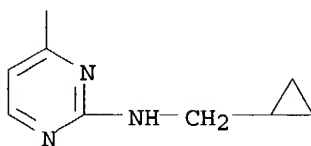


RN 476011-16-2 CAPLUS  
 CN 4-Thiazolecarboxylic acid, 2-[[3-[[[4-[[2-[(cyclopropylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]-, ethyl ester (9CI) (CA INDEX NAME)

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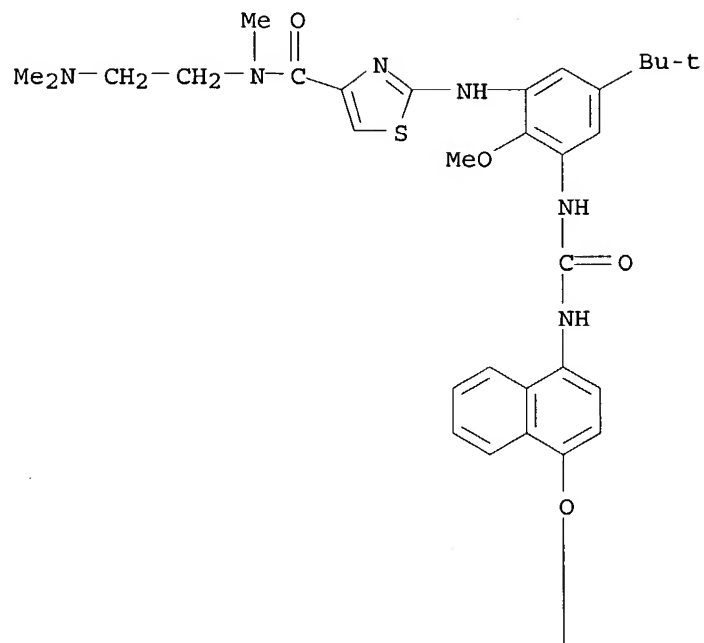
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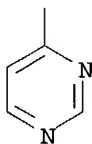
RN 476011-18-4 CAPLUS

CN 4-Thiazolecarboxamide, N-[2-(dimethylamino)ethyl]-2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-N-methyl- (9CI) (CA INDEX NAME)

PAGE 1-A

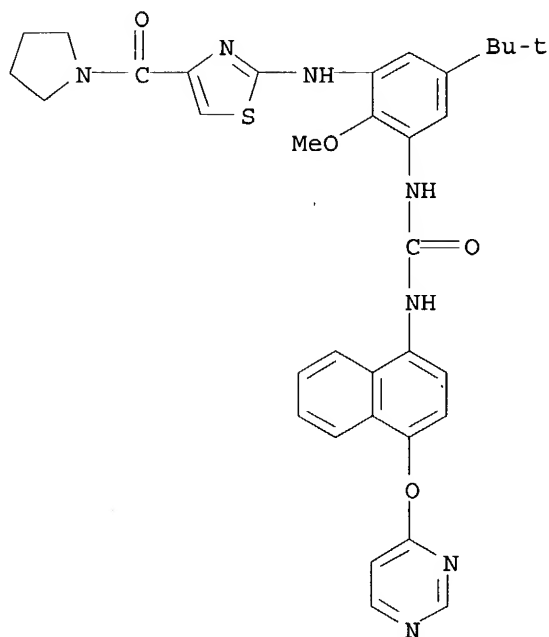


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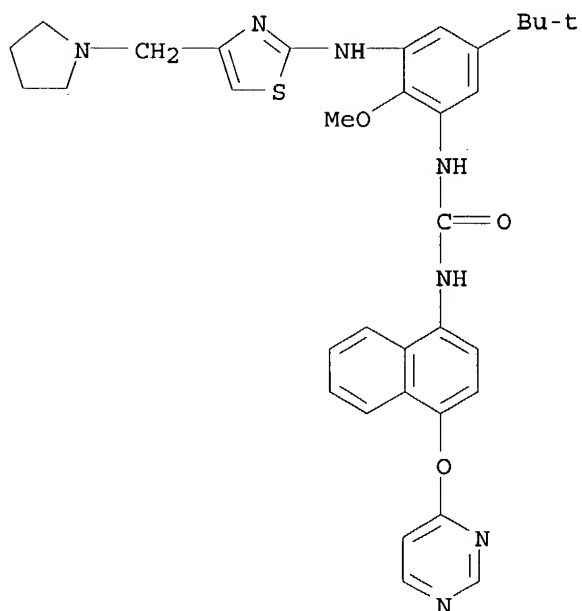
RN 476011-20-8 CAPLUS  
 CN Pyrrolidine, 1-[[2-[[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]amino]-4-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)





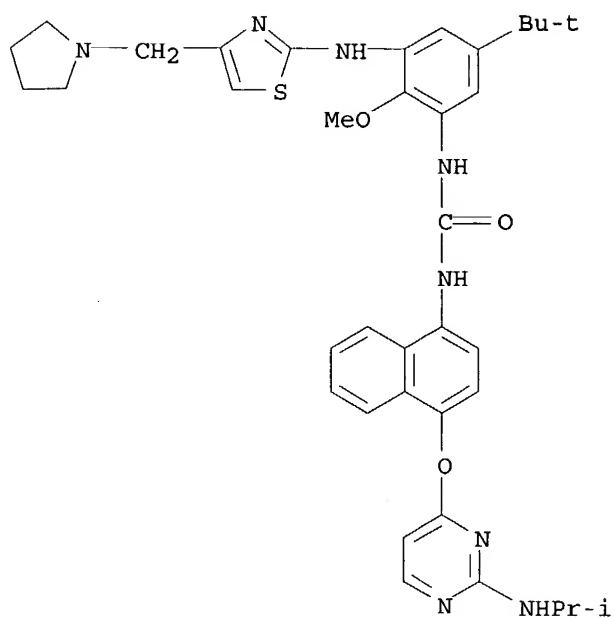
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(CA INDEX NAME)



RN 476011-24-2 CAPLUS

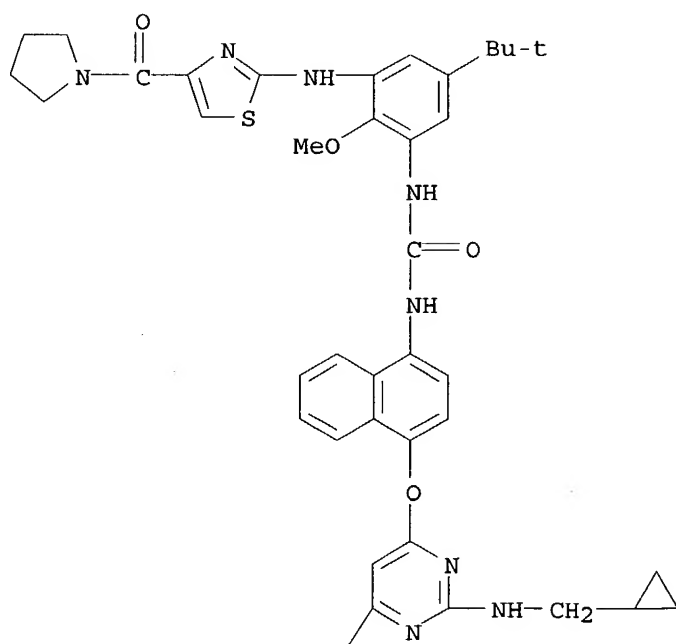
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[4-(1-pyrrolidinylmethyl)-2-thiazolyl]amino]phenyl]-N'-[4-[[2-[(1-methylethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 476011-26-4 CAPLUS

CN Pyrrolidine, 1-[[2-[[3-[[[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]amino]-4-thiazolyl]carbonyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

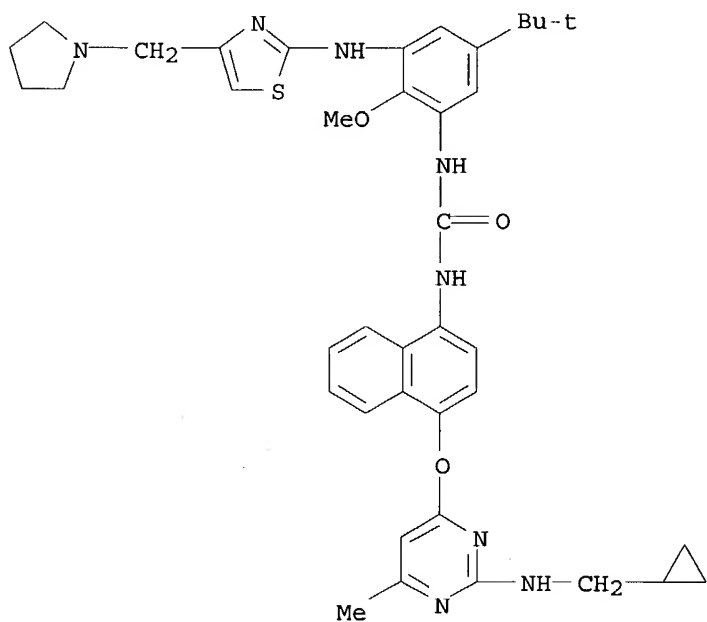


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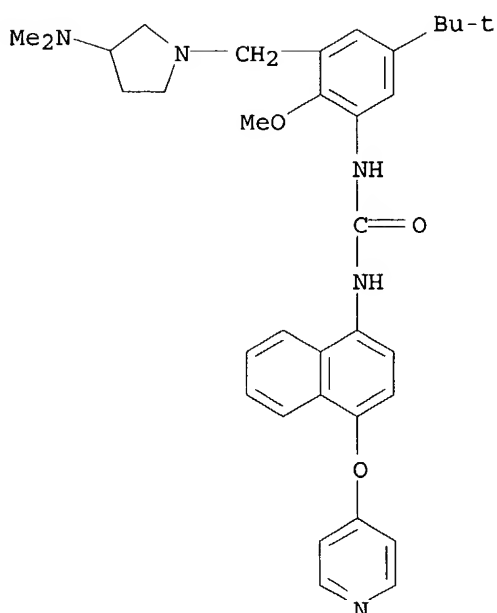
RN 476011-28-6 CAPLUS

CN Urea, N-[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxy-3-[[4-(1-pyrrolidinylmethyl)-2-thiazolyl]amino]phenyl]- (9CI) (CA INDEX NAME)



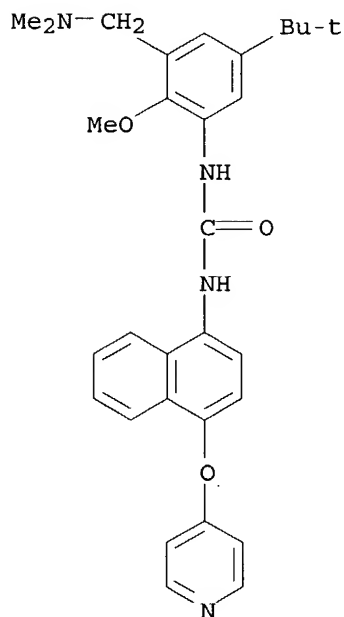
RN 476011-30-0 CAPLUS

CN Urea, N-[3-[[3-(dimethylamino)-1-pyrrolidinyl]methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-(4-pyridinyloxy)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



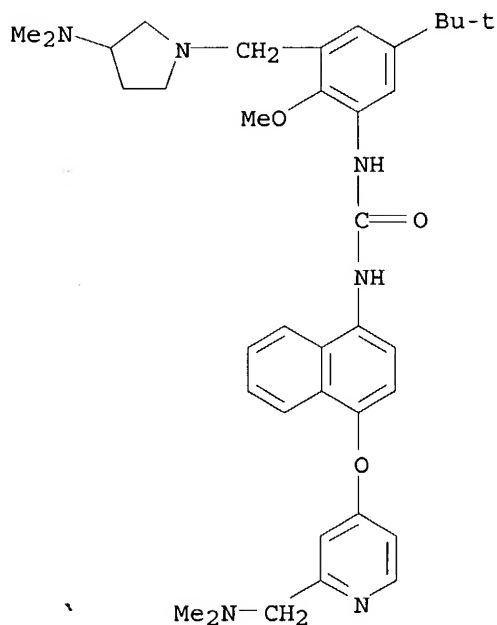
RN 476011-32-2 CAPLUS

CN Urea, N-[3-[(dimethylamino)methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-(4-pyridinyloxy)-1-naphthalenyl]-(9CI) (CA INDEX NAME)



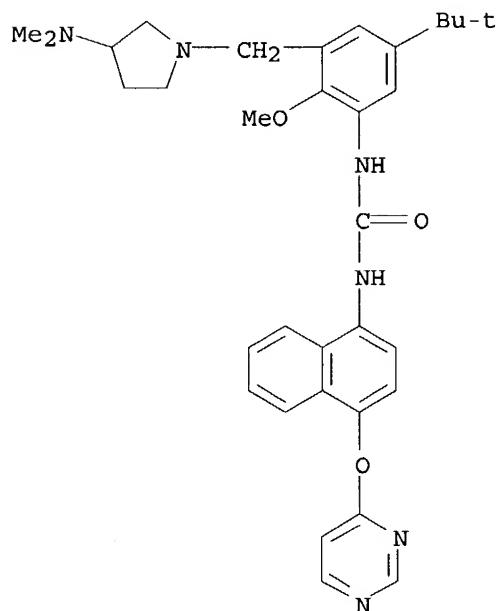
RN 476011-34-4 CAPLUS

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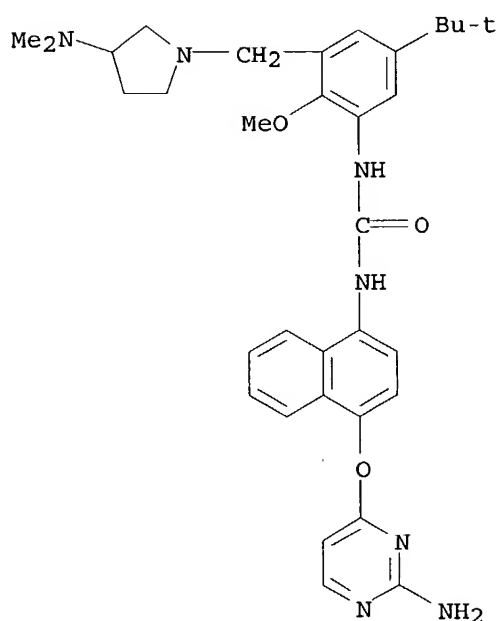
RN 476011-36-6 CAPLUS

CN Urea, N-[3-[[3-(dimethylamino)-1-pyrrolidinyl]methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-(4-pyrimidinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



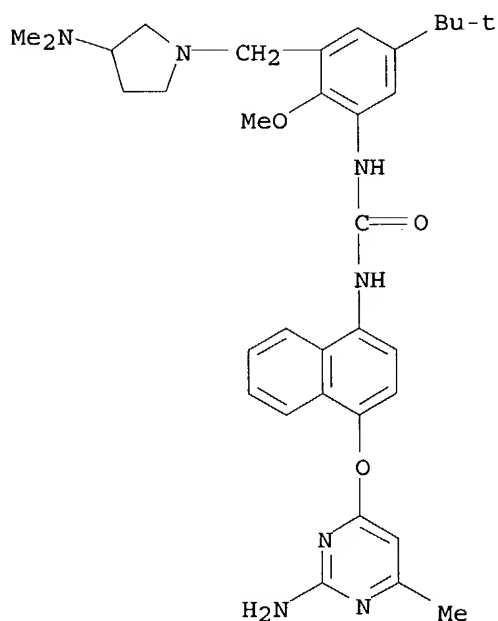
RN 476011-37-7 CAPLUS

CN Urea, N-[4-[(2-amino-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[3-[[3-(dimethylamino)-1-pyrrolidinyl]methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



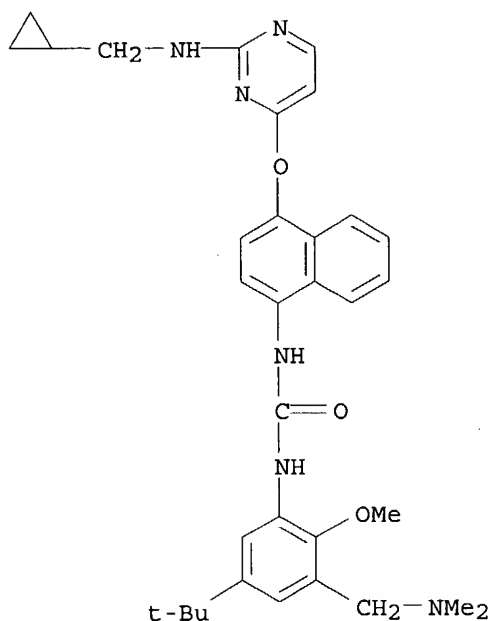
RN 476011-39-9 CAPLUS

CN Urea, N-[4-[(2-amino-6-methyl-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[3-[[3-(dimethylamino)-1-pyrrolidinyl)methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



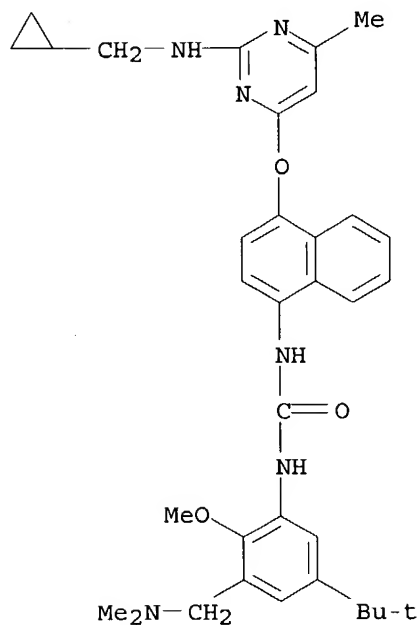
RN 476011-41-3 CAPLUS

CN Urea, N-[4-[[2-[(cyclopropylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[3-[(dimethylamino)methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 476011-43-5 CAPLUS

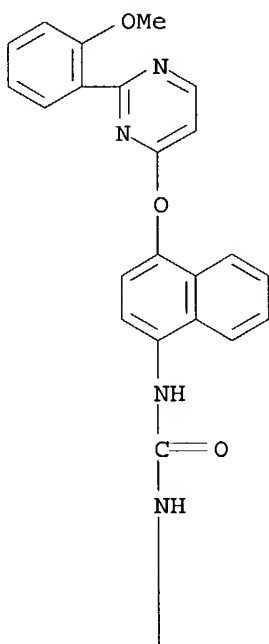
CN Urea, N-[4-[[2-[(cyclopropylmethyl)amino]-6-methyl-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[3-[(dimethylamino)methyl]-5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



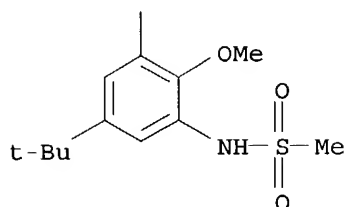
RN 476011-45-7 CAPLUS

CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(2-methoxyphenyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)

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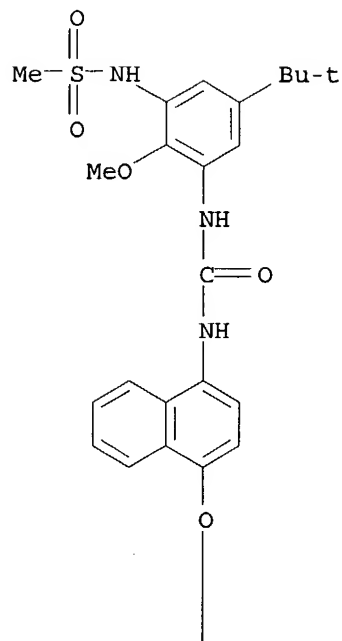


RN 476011-47-9 CAPLUS

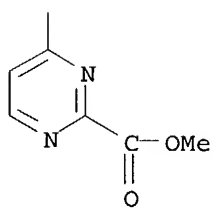
CN 2-Pyrimidinecarboxylic acid, 4-[[[4-[[[5-(1,1-dimethylethyl)-2-methoxy-3-[(methylsulfonyl)amino]phenyl]amino]carbonyl]amino]-1-naphthalenyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)



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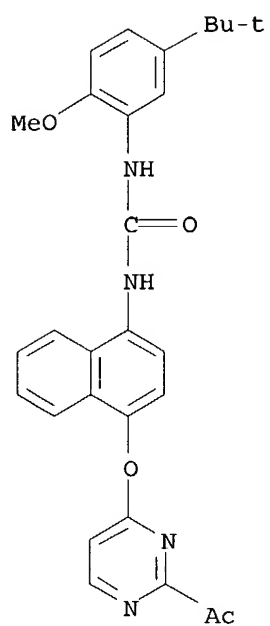


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RN 476011-49-1 CAPLUS

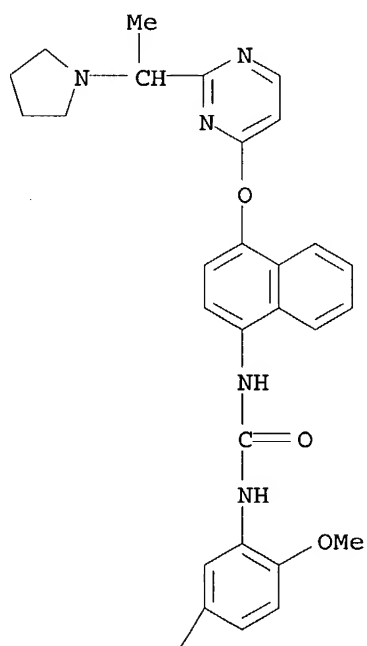
CN Urea, N-[4-[(2-acetyl-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



RN 476011-51-5 CAPLUS

CN Urea, N- [5- (1,1-dimethylethyl) -2-methoxyphenyl] -N' - [4- [[2- [1- (1-pyrrolidinyl) ethyl] -4-pyrimidinyl] oxy] -1-naphthalenyl] - (9CI) (CA INDEX NAME)

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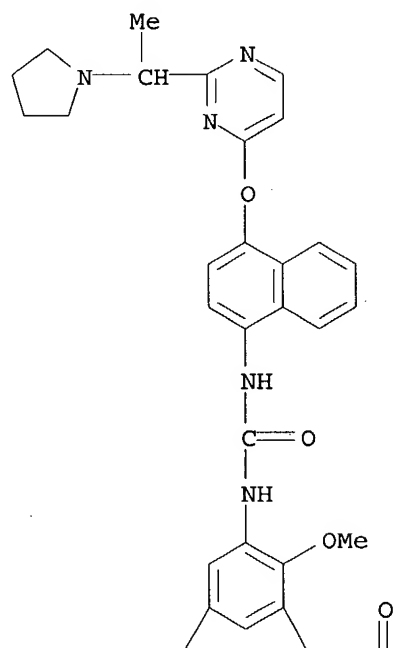


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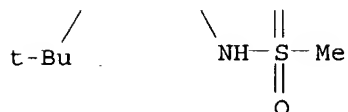


RN 476011-53-7 CAPLUS  
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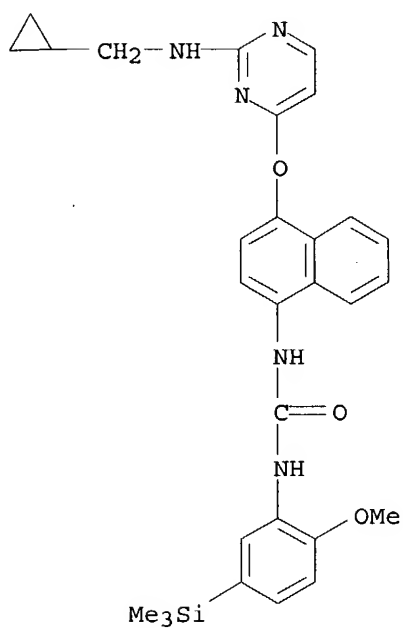
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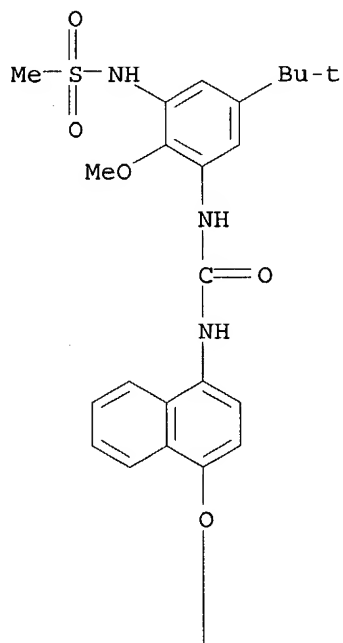
RN 476011-55-9 CAPLUS  
 CN Urea, N-[4-[[2-[(cyclopropylmethyl)amino]-4-pyrimidinyl]oxy]-1-naphthalenyl]-N'-[2-methoxy-5-(trimethylsilyl)phenyl]- (9CI) (CA INDEX NAME)



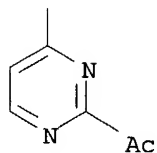
RN 476012-73-4 CAPLUS

CN Methanesulfonamide, N-[3-[[[4-[(2-acetyl-4-pyrimidinyl)oxy]-1-naphthalenyl]amino]carbonyl]amino]-5-(1,1-dimethylethyl)-2-methoxyphenyl]-(9CI) (CA INDEX NAME)

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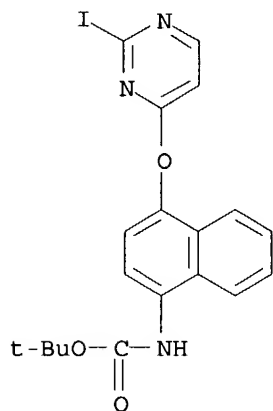


IT 476011-77-5 476011-85-5

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of diaryl ureas as antiinflammatory agents)

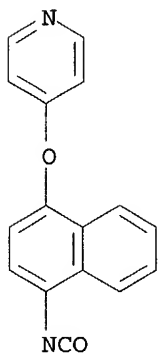
RN 476011-77-5 CAPLUS

CN Carbamic acid, [4-[(2-iodo-4-pyrimidinyl)oxy]-1-naphthalenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 476011-85-5 CAPLUS

CN Pyridine, 4-[(4-isocyanato-1-naphthalenyl)oxy]- (9CI) (CA INDEX NAME)



IT 473269-91-9P 473269-92-0P 476011-58-2P

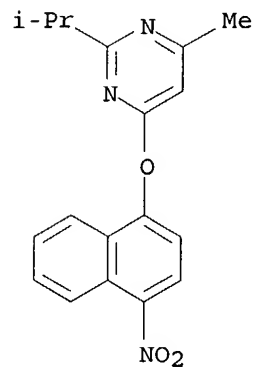
476011-62-8P 476011-64-0P 476011-71-9P

476011-73-1P

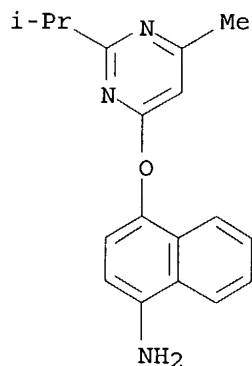
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of diaryl ureas as antiinflammatory agents)

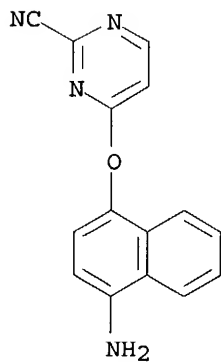
RN 473269-91-9 CAPLUS

CN Pyrimidine, 4-methyl-2-(1-methylethyl)-6-[(4-nitro-1-naphthalenyl)oxy]-  
(9CI) (CA INDEX NAME)

RN 473269-92-0 CAPLUS

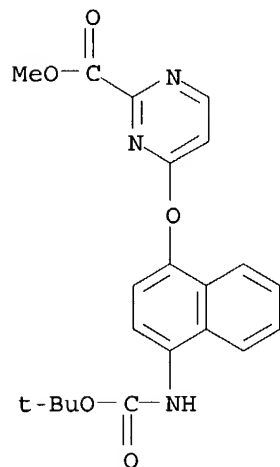
CN 1-Naphthalenamine, 4-[[6-methyl-2-(1-methylethyl)-4-pyrimidinyl]oxy]-  
(9CI) (CA INDEX NAME)

RN 476011-58-2 CAPLUS

CN 2-Pyrimidinecarbonitrile, 4-[(4-amino-1-naphthalenyl)oxy]- (9CI) (CA  
INDEX NAME)

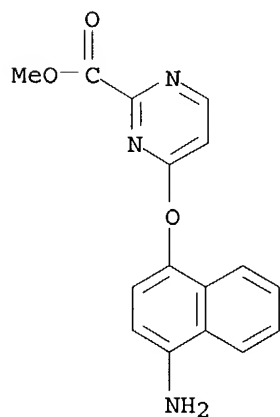
RN 476011-62-8 CAPLUS

CN 2-Pyrimidinecarboxylic acid, 4-[[4-[[[1,1-dimethylethoxy)carbonyl]amino]-1-naphthalenyl]oxy]-, methyl ester (9CI) (CA INDEX NAME)



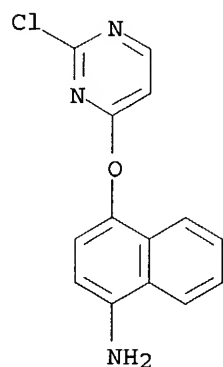
RN 476011-64-0 CAPLUS

CN 2-Pyrimidinecarboxylic acid, 4-[(4-amino-1-naphthalenyl)oxy]-, methyl ester (9CI) (CA INDEX NAME)



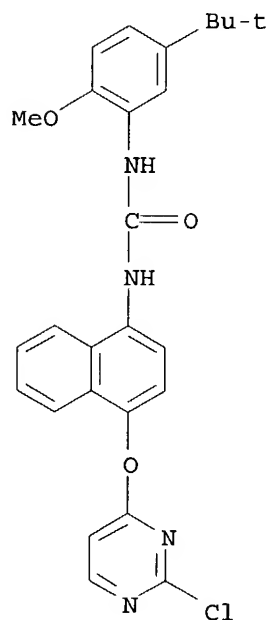
RN 476011-71-9 CAPLUS

CN 1-Naphthalenamine, 4-[(2-chloro-4-pyrimidinyl)oxy]- (9CI) (CA INDEX NAME)



RN 476011-73-1 CAPLUS

CN Urea, N-[4-[(2-chloro-4-pyrimidinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxyphenyl]- (9CI) (CA INDEX NAME)



L12 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:808686 CAPLUS

DOCUMENT NUMBER: 138:205007

TITLE: Synthesis of pyrimido[4,5-b]indoles and benzo[4,5]furo[2,3-d]pyrimidines via

palladium-catalyzed intramolecular arylation

Zhang, Yue-Mei; Razler, Thomas; Jackson, Paul F.

CORPORATE SOURCE: Johnson &amp; Johnson Pharmaceutical Research and

Development, LLC, Raritan, NJ, 08869, USA

Tetrahedron Letters (2002), 43(46),

8235-8239

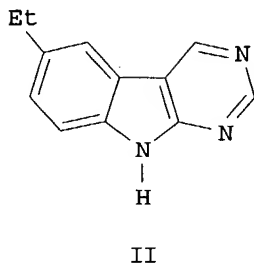
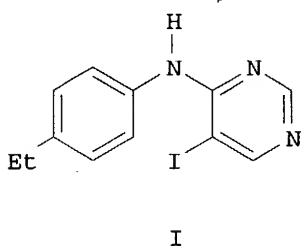
CODEN: TELEAY; ISSN: 0040-4039

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal



LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 138:205007  
 GI



AB Various pyrimido[4,5-b]indoles and benzo[4,5]furo[2,3-d]pyrimidines were synthesized via a palladium-catalyzed intramol. arylation of pyrimidine substrates. Thus, 4-aryloxy- or 4-anilino-5-iodopyrimidines, e.g. I, were treated with Pd(OAc)<sub>2</sub>(PPh<sub>3</sub>)<sub>2</sub> and base in DMF to give the regioselective cyclized heterocycles, e.g. II.

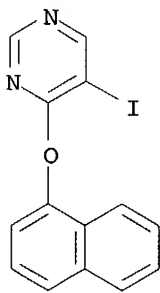
IT 500228-37-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of pyrimidoindoles and benzofuopyrimidines via palladium-catalyzed regioselective intramol. arylation of aryloxy- or anilino-iodopyrimidines)

RN 500228-37-5 CAPLUS

CN Pyrimidine, 5-iodo-4-(1-naphthalenyloxy)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:380570 CAPLUS

DOCUMENT NUMBER: 135:5453

TITLE: Preparation of aromatic heterocyclic substituted urea derivatives as non-steroidal anti-inflammatory agents  
 INVENTOR(S): Breitfelder, Steffen; Cirillo, Pier F.; Hao, Ming-Hong; Hickey, Eugene R.; Sharma, Rajiv; Sun, Sanxing; Takahashi, Hidenori

PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals, Inc., USA

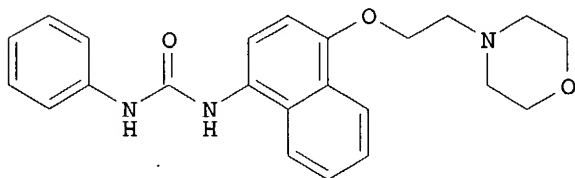
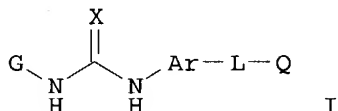
SOURCE: PCT Int. Appl., 88 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001036403	A1	20010525	WO 2000-US31582	20001116 <--
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RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1232150	A1	20020821	EP 2000-978751	20001116 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR				
US 6492393	B1	20021210	US 2000-714539	20001116 <--
JP 2003514808	T2	20030422	JP 2001-538892	20001116
US 2003125354	A1	20030703	US 2002-271301	20021015
PRIORITY APPLN. INFO.:			US 1999-165903P	P 19991116
			US 2000-714539	A3 20001116
			WO 2000-US31582	W 20001116

OTHER SOURCE(S): MARPAT 135:5453  
 GI



AB Title compds. (I) [wherein G = (un)substituted (non)aromatic carbocycle or heterocycle; Ar = (un)substituted Ph, (tetrahydro)naphthyl, (tetrahydro)quinolinyl, (tetrahydro)isoquinolinyl, (dihydro)benzofuranyl, dihydrobenzothienyl, indolenyl, benzothiophenyl, benzimidazolyl, indanyl, indenyl, or indolyl; L = (un)substituted (un)saturated C chain with one or more methylene groups optionally independently replaced by O, N, or S(O)m; Q = (un)substituted Ph, naphthyl, pyridinyl, pyrimidinyl, pyridazinyl, (benz)imidazolyl, furanyl, thenyl, pyranyl, etc.; m = 0-2; X = O or S] were prepared as cytokine production inhibitors for use as non-steroidal anti-inflammatory agents. **Thus**, 4-[2-(morpholin-4-yl)ethoxy]naphth-1-ylamine was treated sequentially with phosgene and 5-tert-butyl-2-methylaniline in CH<sub>2</sub>Cl<sub>2</sub> to give II (42%). In a cytokine production inhibition assay, II inhibited TNF $\alpha$  in lipopolysaccharide stimulated THP cells with IC<sub>50</sub> < 10  $\mu$ M.

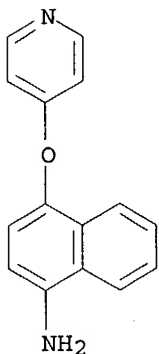
IT 340825-38-9P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of aromatic heterocyclic substituted urea derivs. as

cytokine inhibitors for use as non-steroidal anti-inflammatory agents)

RN 340825-38-9 CAPLUS

CN 1-Naphthalenamine, 4-(4-pyridinyloxy)- (9CI) (CA INDEX NAME)



IT 340825-40-3P 340825-43-6P 340825-46-9P

340825-47-0P 340825-48-1P 340825-49-2P

340825-51-6P 340825-52-7P 340825-53-8P

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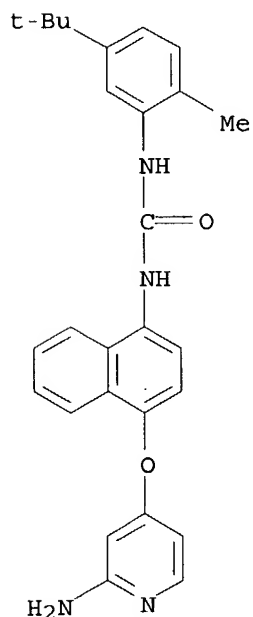
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aromatic heterocyclic substituted urea derivs. as cytokine inhibitors for use as non-steroidal anti-inflammatory agents)

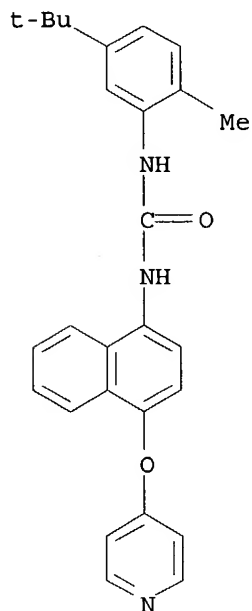
RN 340825-40-3 CAPLUS

CN Urea, N-[4-[(2-amino-4-pyridinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methylphenyl]- (9CI) (CA INDEX NAME)



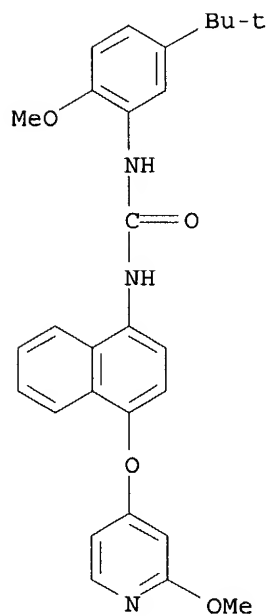
RN 340825-43-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methylphenyl]-N'-[4-(4-pyridinyloxy)-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 340825-46-9 CAPLUS

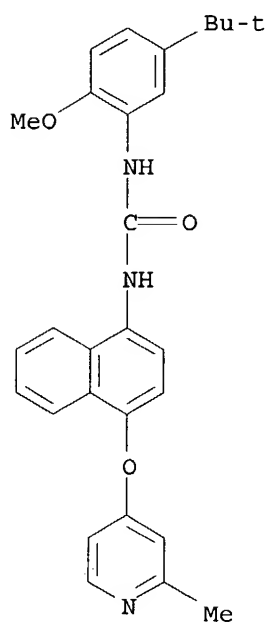
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[(2-methoxy-4-pyridinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 340825-47-0 CAPLUS

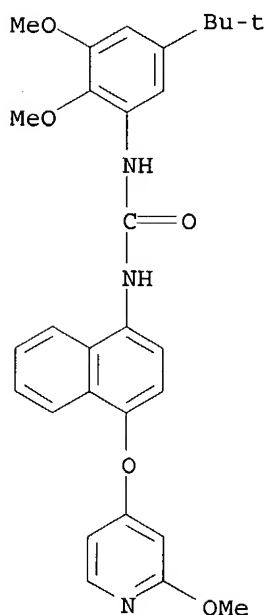
10632998

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[(2-methyl-4-pyridinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 340825-48-1 CAPLUS

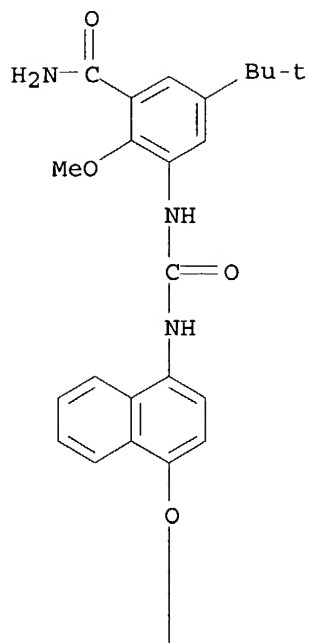
CN Urea, N-[5-(1,1-dimethylethyl)-2,3-dimethoxyphenyl]-N'-[4-[(2-methoxy-4-pyridinyl)oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



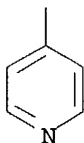
RN 340825-49-2 CAPLUS

CN Benzamide, 5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]- (9CI) (CA INDEX NAME)

PAGE 1-A

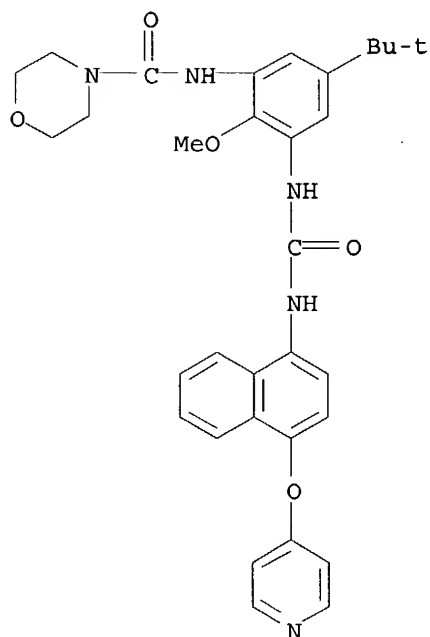


PAGE 2-A



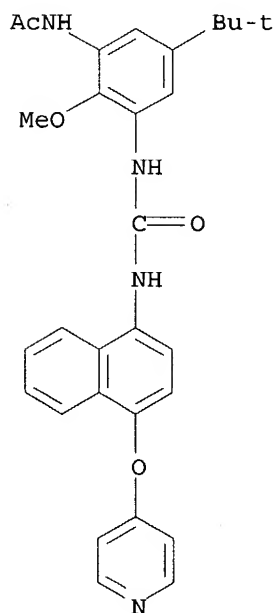
RN 340825-51-6 CAPLUS

CN 4-Morpholinecarboxamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)



RN 340825-52-7 CAPLUS

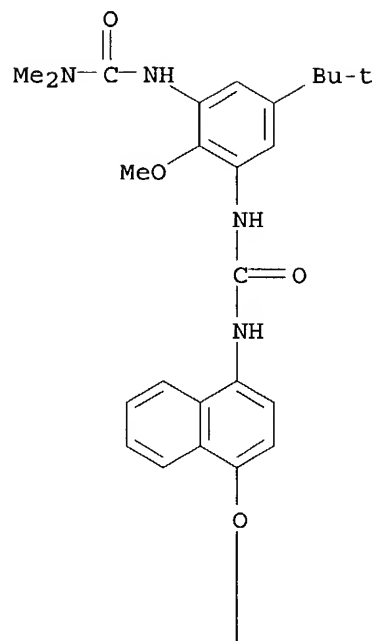
CN Acetamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)



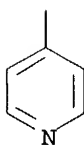
RN 340825-53-8 CAPLUS

CN Urea, N'-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-(4-pyridinyloxy)-1-naphthalenyl]amino]carbonyl]amino]phenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

PAGE 1-A

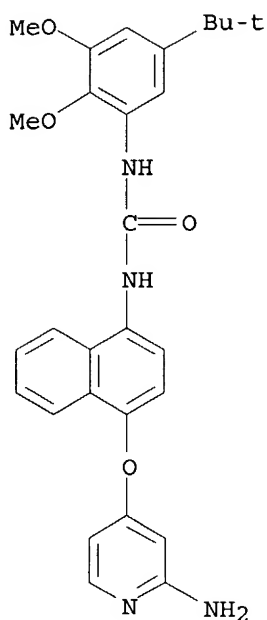


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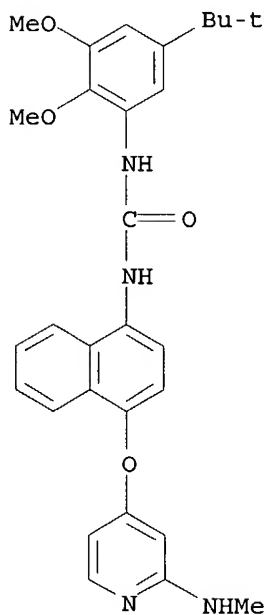
RN 340825-54-9 CAPLUS  
CN Urea, N-[4-[(2-amino-4-pyridinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2,3-dimethoxyphenyl]- (9CI) (CA INDEX NAME)





RN 340825-55-0 CAPLUS

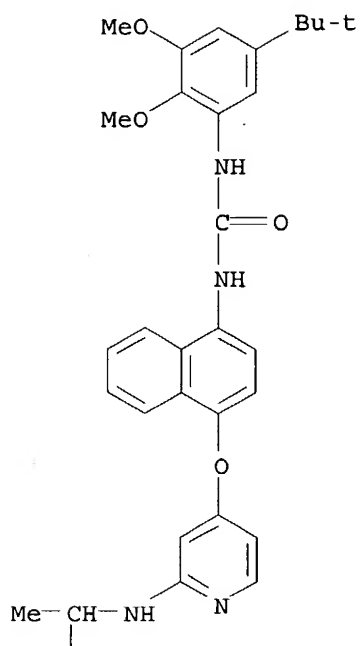
CN Urea, N-[5-(1,1-dimethylethyl)-2,3-dimethoxyphenyl]-N'-[4-[[2-(methylamino)-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 340825-56-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2,3-dimethoxyphenyl]-N'-[4-[[2-[(1-phenylethyl)amino]-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A

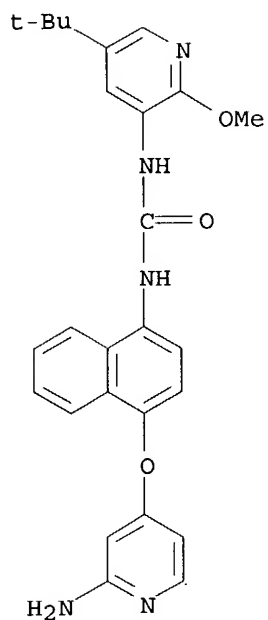


PAGE 2-A

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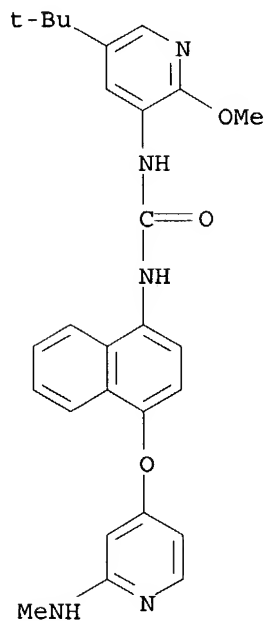
RN 340825-57-2 CAPLUS

CN Urea, N-[4-[(2-amino-4-pyridinyl)oxy]-1-naphthalenyl]-N'-[5-(1,1-dimethylethyl)-2-methoxy-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 340825-58-3 CAPLUS

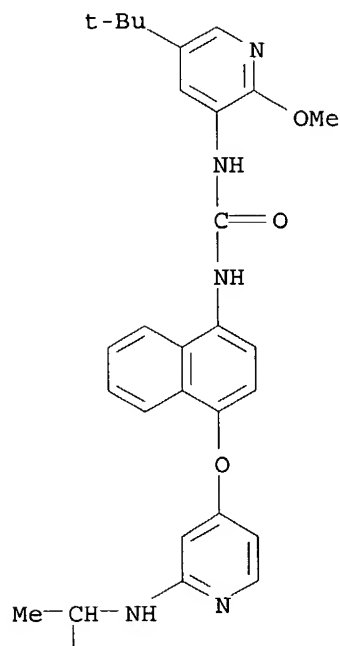
CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxy-3-pyridinyl]-N'-[4-[[2-(methylamino)-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)



RN 340825-59-4 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxy-3-pyridinyl]-N'-[4-[[2-[(1-phenylethyl)amino]-4-pyridinyl]oxy]-1-naphthalenyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



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REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:897848 CAPLUS

DOCUMENT NUMBER: 134:56680

TITLE: Phenoxyfluoropyrimidines as agricultural pesticides

INVENTOR(S): Gayer, Herbert; Dunkel, Ralf; Gerdes, Peter; Heinemann, Ulrich; Krueger, Bernd-Wieland; Vaupel, Martin; Mauler-Machnik, Astrid; Wachendorff-Neumann, Ulrike; Haenssler, Gerd

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 30 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

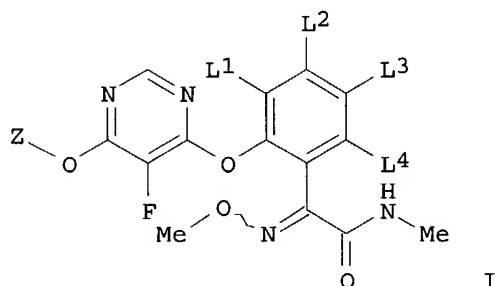
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10006210	A1	20001221	DE 2000-10006210	20000211 <--
WO 2000078733	A1	20001228	WO 2000-EP5161	20000606 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,				

ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,  
 LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,  
 SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,  
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 BR 2000012291 A 20020326 BR 2000-12291 20000606 <--  
 EP 1194417 A1 20020410 EP 2000-954416 20000606 <--  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 JP 2003502408 T2 20030121 JP 2001-504899 20000606  
 PRIORITY APPLN. INFO.: DE 1999-19927913 A1 19990618  
 DE 2000-10006210 A 20000211  
 WO 2000-EP5161 W 20000606

OTHER SOURCE(S): MARPAT 134:56680  
 GI



AB Phenoxyfluoropyrimidines I (Z = aryl, heterocyclyl; L1, L2, L3, L4 = H, halo, cyano, nitro, halo-substituted alkyl, alkoxy, etc.) were prepared as agricultural bactericides, fungicides, insecticides, etc. **Thus**, 0.69 g potassium carbonate was added to 0.005 mol 2-[2-(5,6-difluoro-4-pyrimidinyl)oxy]phenyl]-2-(methoxyimino)-N-methylacetamide and 2-(methylthio)phenol in 20 mL MeCN, and the mixture was stirred 12 h at 25° to give a 45% yield of I [Z = 2-(methylthio)phenyl; L1 = L2 = L3 = L4 = H]. The products were tested against several bacteria, fungi, and insects on various plants. E.g., I [Z = 2-(methylthio)phenyl; L1 = L2 = L3 = L4 = H] at 250 g/ha on barley plants showed ≥95% protection against Erysiphe.

IT 313278-93-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(phenoxyfluoropyrimidines as agricultural pesticides)

RN 313278-93-2 CAPLUS

CN Benzeneacetamide, 2-[[5-fluoro-6-(1-naphthalenyloxy)-4-pyrimidinyl]oxy]-  
 α-(methoxyimino)-N-methyl- (9CI) (CA INDEX NAME)

06/15/2004

RU 2203272	C2	20030427	RU 1999-120092	19980210
ES 2189142	T3	20030701	ES 1998-909427	19980210
TW 527343	B	20030411	TW 1998-87102305	19980219
ZA 9801419	A	19980824	ZA 1998-1419	19980220 <--
BG 63915	B1	20030630	BG 1999-103646	19990810
NO 9904014	A	19991012	NO 1999-4014	19990819 <--
MX 9907687	A	20000531	MX 1999-7687	19990819 <--
US 6262112	B1	20010717	US 1999-367456	19991115 <--
US 2002072529	A1	20020613	US 2001-878392	20010611 <--
US 6573278	B2	20030603		

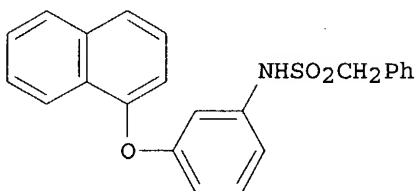
PRIORITY APPLN. INFO.:

DE 1997-19706902	A1	19970221
DE 1997-19740785	A	19970917
WO 1998-EP716	W	19980210
US 1999-367456	A3	19991115

OTHER SOURCE(S):

MARPAT 129:202764

GI



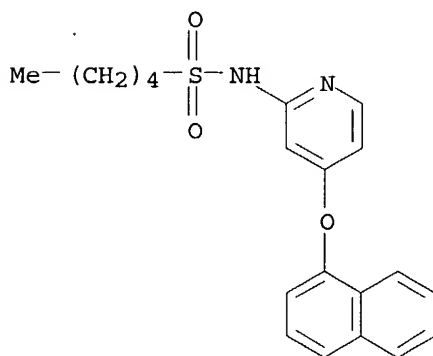
AB R1ADEGLR [R1 = aryl, quinolyl, isoquinolyl, etc.; A, E = bond, alkylene; D = O, S, SO, SO<sub>2</sub>, imino; G = (substituted) (hetero)arylene; L = O, NH, N(OH)SO<sub>2</sub>, NHSO, NHSO<sub>2</sub>, etc.; R = (substituted) alkyl, alkenyl, alkynyl, aryl, heterocyclyl, morpholinyl, cycloalkyl, etc.], were prepared  
Thus, title compound (I) showed IC<sub>50</sub> = 0.9 nM/L in a rat CB1 receptor luciferase screen.

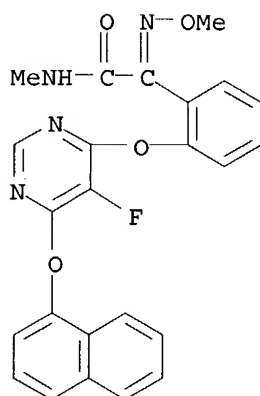
IT 212188-44-8P 212188-45-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of arylsulfonamides and related compds. as CB1 and CB2 receptor agonists)

RN 212188-44-8 CAPLUS

CN 1-Pentanesulfonamide, N-[4-(1-naphthalenyloxy)-2-pyridinyl]- (9CI) (CA INDEX NAME)





L12 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:585967 CAPLUS

DOCUMENT NUMBER: 129:202764

TITLE: Preparation of arylsulfonamides and related compounds as cannabinoid CB1 and CB2 receptor agonists.

INVENTOR(S): Mittendorf, Joachim; Dressel, Juergen; Matzke, Michael; Keldenich, Joerg; Mohrs, Klaus-Helmut; Raddatz, Siegfried; Franz, Juergen; Spreyer, Peter; Voehringer, Verena; Schuhmacher, Joachim; Rock, Michael-Harold; Horvath, Ervin; Friedel, Arno; Mauler, Frank; De Vry, Jean; Jork, Reinhard

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Ger. Offen., 194 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

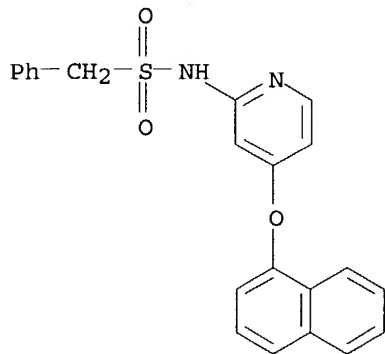
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

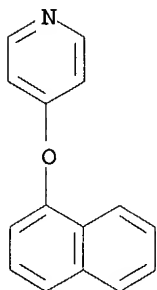
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19740785	A1	19980827	DE 1997-19740785	19970917 <--
WO 9837061	A1	19980827	WO 1998-EP716	19980210 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9863965	A1	19980909	AU 1998-63965	19980210 <--
AU 735137	B2	20010705		
EP 966436	A1	19991229	EP 1998-909427	19980210 <--
EP 966436	B1	20021211		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI				
TR 9902012	T2	20000121	TR 1999-9902012	19980210 <--
BR 9807848	A	20000321	BR 1998-7848	19980210 <--
JP 2001515470	T2	20010918	JP 1998-536215	19980210 <--
AT 229502	E	20021215	AT 1998-909427	19980210 <--
PT 966436	T	20030331	PT 1998-909427	19980210

RN 212188-45-9 CAPLUS

CN Benzenemethanesulfonamide, N-[4-(1-naphthalenyloxy)-2-pyridinyl]- (9CI)  
(CA INDEX NAME)IT 33399-43-8P 212190-00-6P 212190-01-7P  
212190-02-8PRL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)(preparation of arylsulfonamides and related compds. as CB1 and CB2 receptor  
agonists)

RN 33399-43-8 CAPLUS

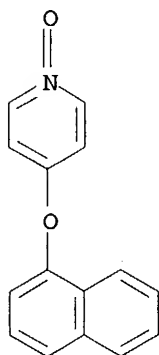
CN Pyridine, 4-(1-naphthalenyloxy)- (9CI) (CA INDEX NAME)



RN 212190-00-6 CAPLUS

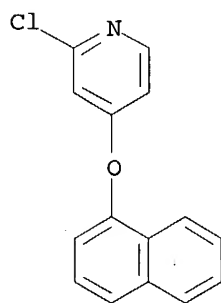
CN Pyridine, 4-(1-naphthalenyloxy)-, 1-oxide (9CI) (CA INDEX NAME)





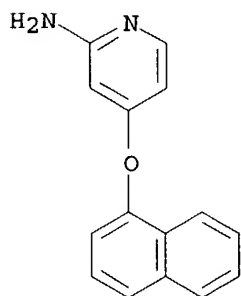
RN 212190-01-7 CAPLUS

CN Pyridine, 2-chloro-4-(1-naphthalenyloxy)- (9CI) (CA INDEX NAME)



RN 212190-02-8 CAPLUS

CN 2-Pyridinamine, 4-(1-naphthalenyloxy)- (9CI) (CA INDEX NAME)



L12 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1997:422006 CAPLUS

DOCUMENT NUMBER: 127:158322

TITLE: Probing the ubiquinone reduction site of mitochondrial complex I using novel cationic inhibitors

AUTHOR(S): Miyoshi, Hideto; Inoue, Makoto; Okamoto, Seihou; Ohshima, Michiyo; Sakamoto, Kimitoshi; Iwamura, Hajime

CORPORATE SOURCE: Department Agricultural Chemistry, Kyoto University, Kyoto, 606, Japan

10632998

SOURCE: Journal of Biological Chemistry (1997),  
272(26), 16176-16183  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

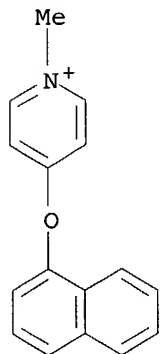
AB A wide variety of N-methylpyridinium and quinolinium cationic inhibitors of mitochondrial complex I was synthesized to develop potent and specific inhibitors acting selectively at one of the two proposed ubiquinone binding sites of this enzyme (Gluck, M. R., Krueger, M. J., Ramsay, R. R., Sablin, S. O., Singer, T. P., and Nicklas, W. J. (1994) J. Biol. Chemical 269, 3167-3174). N-Methyl-2-n-dodecyl-3-methylquinolinium (MQ18) inhibited electron transfer of complex I at under  $\mu\text{M}$  order regardless of whether exogenous or endogenous ubiquinone was used as an electron acceptor. The presence of tetraphenylboron (TPB-) potentiated the inhibition by MQ18 in a different way depending upon the molar ratio of TPB- to MQ18. In the presence of a catalytic amount of TPB-, the inhibitory potency of MQ18 was remarkably enhanced, and the extent of inhibition was almost complete. The presence of equimolar TPB- partially reactivated the enzyme activity, and the inhibition was saturated at an incomplete level (.apprx.50%). These results are explained by the proposed dual binding sites model for ubiquinone (cited above). The inhibition behavior of MQ18 for proton pumping activity was similar to that for electron transfer activity. The good correlation of the inhibition behavior for the two activities indicates that both ubiquinone binding sites contribute to redox-driven proton pumping. N-methyl-4-[2-methyl-3-(p-tert-butylphenyl)]propylpyridinium (MP6) without TPB- brought about approx. 50% inhibition at 5  $\mu\text{M}$ , but the inhibition reached a plateau at this level over a wide range of concns. Almost complete inhibition was readily obtained at low concns. of MP6 in the presence of TPB-. Thus MP6 appears to be a selective inhibitor of one of the two ubiquinone binding sites. With a combined use of MP6 and 2,3-diethoxy-5-methyl-6-geranyl-1,4-benzoquinone, we also provided kinetic evidence for the existence of two ubiquinone binding sites.

IT 154547-20-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(probing ubiquinone reduction site of mitochondrial complex I using novel cationic inhibitors)

RN 154547-20-3 CAPLUS

CN Pyridinium, 1-methyl-4-(1-naphthalenyloxy)-, iodide (9CI) (CA INDEX NAME)

● I<sup>-</sup>

L12 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1995:667237 CAPLUS

DOCUMENT NUMBER: 123:83382

TITLE: Preparation of fungicidal glyoxylic acid-naphthyl ether derivatives

INVENTOR(S): Grammenos, Wassilios; Kirstgen, Reinhard; Koenig, Hartmann; Oberdorf, Klaus; Sauter, Hubert; Lorenz, Gisela; Ammermann, Eberhard

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Eur. Pat. Appl., 66 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

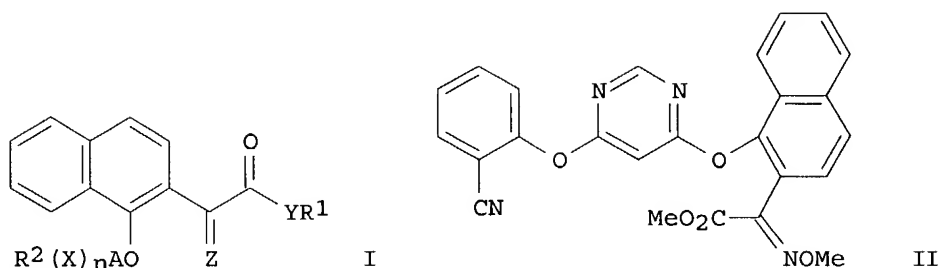
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 647631	A1	19950412	EP 1994-115579	19941004 <--
EP 647631	B1	20010816		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
JP 07188113	A2	19950725	JP 1994-240357	19941004 <--
AT 204259	E	20010915	AT 1994-115579	19941004 <--
CA 2117837	AA	19950413	CA 1994-2117837	19941011 <--
CN 1107141	A	19950823	CN 1994-112806	19941012 <--
US 5602181	A	19970211	US 1994-321770	19941012 <--

PRIORITY APPLN. INFO.:

DE 1993-4334709 A 19931012

OTHER SOURCE(S): MARPAT 123:83382

GI



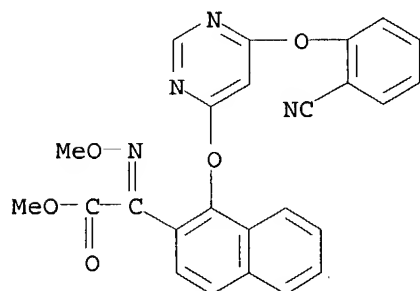
AB The title compds. [I; A = (un)substituted Ph, (un)substituted heteroaryl; R<sub>1</sub> = C1-4 alkyl; R<sub>2</sub> = (un)substituted alkyl, (un)substituted cycloalkyl, (un)substituted alkenyl, (un)substituted alkynyl, (un)substituted Ph; X = O, S, (un)substituted NH; Y = O, (un)substituted NH; Z = CHOMe, NOME, CHMe, CHEt; n = 0, 1], useful as veterinary and agrochem. fungicides, are prepared. Thus, pyrimidine derivative, II, obtained from 1-naphthol in 4 steps, was prepared and demonstrated fungicidal activity against Botrytis cinera.

IT 164789-60-0P 164789-61-1P 164789-62-2P

RL: AGR (Agricultural use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of fungicidal glyoxylic acid-naphthyl ether derivs.)

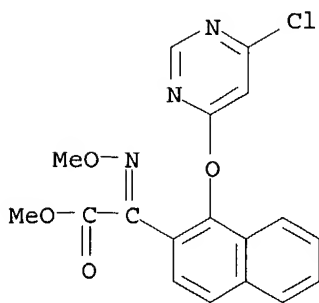
RN 164789-60-0 CAPLUS

CN 2-Naphthaleneacetic acid, 1-[[6-(2-cyanophenoxy)-4-pyrimidinyl]oxy]- $\alpha$ -(methoxyimino)-, methyl ester (9CI) (CA INDEX NAME)



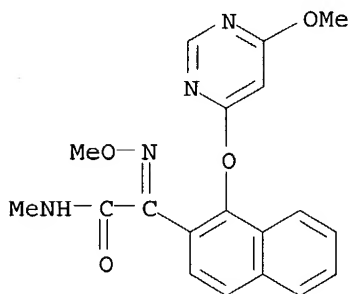
RN 164789-61-1 CAPLUS

CN 2-Naphthaleneacetic acid, 1-[[6-chloro-4-pyrimidinyl]oxy]- $\alpha$ -(methoxyimino)-, methyl ester (9CI) (CA INDEX NAME)



RN 164789-62-2 CAPLUS

CN 2-Naphthaleneacetamide, α-(methoxyimino)-1-[(6-methoxy-4-pyrimidinyl)oxy]-N-methyl- (9CI) (CA INDEX NAME)



L12 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1994:534063 CAPLUS

DOCUMENT NUMBER: 121:134063

TITLE: Studies with polyfunctionally substituted heteroaromatics: arylhydrazononitriles for the synthesis of polyfunctionally substituted azines

AUTHOR(S): Elnagdi, Mohamed Hilmy; Elghandour, Ahmed Hafez Hussien; Harb, Abdel Fattah Ali; Hussien, Abdel Haleem Mostafa; Metwally, Saoud Abdel Meniem

CORPORATE SOURCE: Dep. Chem., Cairo Univ., Giza, Egypt

SOURCE: Heterocycles (1994), 38(4), 739-50

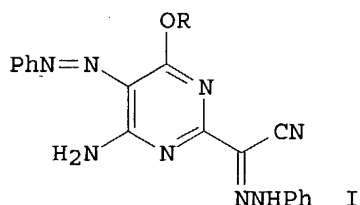
CODEN: HTCYAM; ISSN: 0385-5414

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 121:134063

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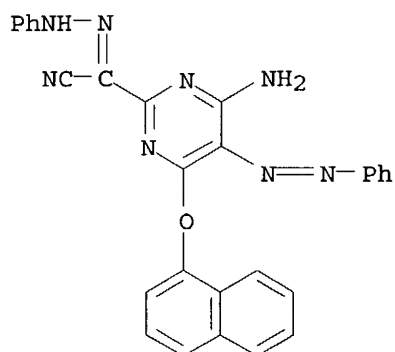
AB The reaction of arylhydrazononitriles with naphthols, phenols and glycine is reported. Thus, reaction of  $\text{PhNHN:C(CN)}_2$  with 2-naphthol (ROH) gave  $\text{PhNHN:C(CN)C(:NH)OR}$  which on refluxing in pyridine in the presence of copper acetate gave I.

IT 157020-62-7P 157020-73-0P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

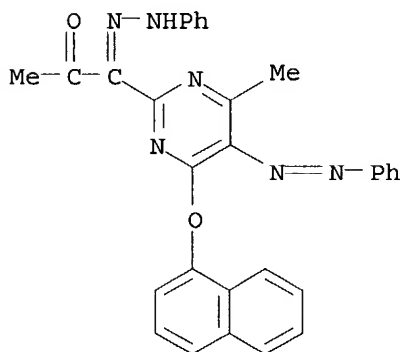
RN 157020-62-7 CAPLUS

CN 2-Pyrimidineacetonitrile, 4-amino-6-(1-naphthalenyloxy)-5-(phenylazo)- $\alpha$ -(phenylhydrazono)- (9CI) (CA INDEX NAME)



RN 157020-73-0 CAPLUS

CN 1,2-Propanedione, 1-[6-methyl-4-(1-naphthalenyloxy)-5-(phenylazo)-2-pyrimidinyl]-, 1-(phenylhydrazono) (9CI) (CA INDEX NAME)



L12 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1986:139244 CAPLUS

DOCUMENT NUMBER: 104:139244

TITLE: Photographic element and process for providing metal complex color images

INVENTOR(S): Reczek, James A.; Palumbo, Janice M.

PATENT ASSIGNEE(S): Eastman Kodak Co., USA

SOURCE: U.S., 12 pp.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4555478	A	19851126	US 1985-688478	19850102 <--
CA 1248395	A1	19890110	CA 1985-481119	19850509 <--
EP 186868	A2	19860709	EP 1985-116272	19851219 <--
EP 186868	A3	19880921		
R: DE, FR, GB, NL				
JP 61163341	A2	19860724	JP 1985-293426	19851227 <--
PRIORITY APPLN. INFO.:			US 1985-688478	19850102
			US 1985-688479	19850102

AB A photog. element providing color images of exceptional quality contains >1 Ag halide emulsion layer associated with a colorless, immobile, ligand-releasing compound. The compound has a structure  $LIG-X$  where  $LIG$  is a ligand capable of complexing with metal ions to form a metal complex dye, and  $X$  = a group which upon development is cleaved from  $LIG$ . Thus, a composition containing poly{acrylamide-1-benzoylmethyl-2-[4-(2-acrylamidoethoxy)-6-(2,2'-bipyridyl)pyridinium]bromide} (10.3% solids) 58.04, 12.5% gelatin solution 30.6, 10% alkanol XC 3.8, a spreading agent solution 4.3, H<sub>2</sub>O 41 g was mixed with 6.3 mL of Ag halide emulsion containing

160

mg Al/mL and 60 mg gelatin/mL. The obtained coating was deposited on a cellulose acetate film support at 129 mL/m<sup>2</sup>. The element was overcoated with a gelatin layer, imagewise exposed, developed with pH 11 phenylenediamine developer, bleached with Fe-EDTA bleach, and fixed. The element was placed into a dilute ferrous ammonium sulfate (0.1 mol) solution to form a magenta dye image in the exposed areas.

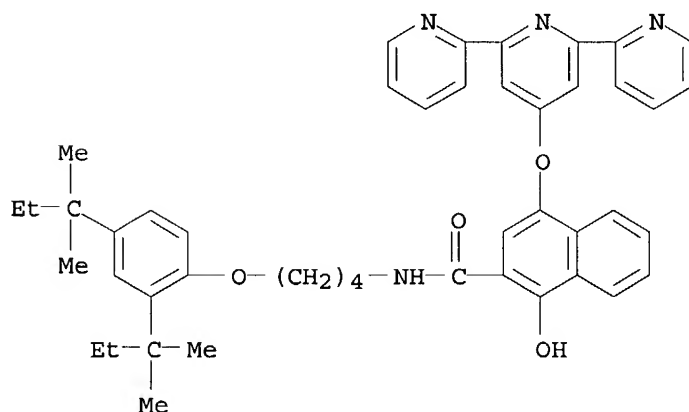
IT 101003-59-2P

RL: PREP (Preparation)

(photog. magenta dye forming compound, preparation of)

RN 101003-59-2 CAPLUS

CN 2-Naphthalenecarboxamide, N-[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]butyl]-1-hydroxy-4-([2,2':6',2''-terpyridin]-4'-yloxy)- (9CI) (CA INDEX NAME)



L12 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1986:139243 CAPLUS

DOCUMENT NUMBER: 104:139243

TITLE: Photographic element and process utilizing metal

10632998

complex color masking dyes  
 INVENTOR(S): Washburn, William N.  
 PATENT ASSIGNEE(S): Eastman Kodak Co., USA  
 SOURCE: U.S., 10 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4555477	A	19851126	US 1985-688479	19850102 <--
CA 1248394	A1	19890110	CA 1985-480989	19850508 <--
EP 186868	A2	19860709	EP 1985-116272	19851219 <--
EP 186868	A3	19880921		
R: DE, FR, GB, NL				
JP 61163341	A2	19860724	JP 1985-293426	19851227 <--
PRIORITY APPLN. INFO.:			US 1985-688478	19850102
			US 1985-688479	19850102

AB A photog. element is described which contain stable, colorless compds. which can be used to provide color masking of unwanted absorption. The compds. have a structure LIG-X where X = group which is cleaved from LIG during development; LIG = a ligand capable of complexing with metal ions to form a color dye image in the unexposed areas of the element. Thus, a 1:1 mol ratio of a conventional cyan dye providing color coupler N-[N'-(4-cyanophenyl)-ureido-3-hydroxyphenyl]-2-(2,4-di-tert-pentylphenoxy)hexanoic acid amide and a colorless magenta dye providing LIG-X compound 1-hydroxy-N-[4-(2,4-di-tert-pentylphenoxy)butyl]-4-[4'-(2,2':6',2''-terpyridyl)oxy]-2-naphthamide dissolved in half their weight of di-Bu phthalate and 3 times their weight of EtOAc was coated in a Ag(Br,I) emulsion on a cellulose acetate support at coating weight Ag 0.9, gelatin 3.8, LIG-X 0.4, and cyan coupler 0.58 g/m<sup>2</sup>. The element was imagewise exposed, color developed and bleached to provide cyan dye image in the exposed areas and cleaved LIG moiety from X in these areas. The free LIG was washed out in the processing solns. the element was then placed into a diluted ammonium ferrous sulfate solution providing metal ions which complexed with the LIG of the uncoupled LIG-X, generating a magenta color correcting dye in the unexposed areas of the element.

IT 101003-59-2

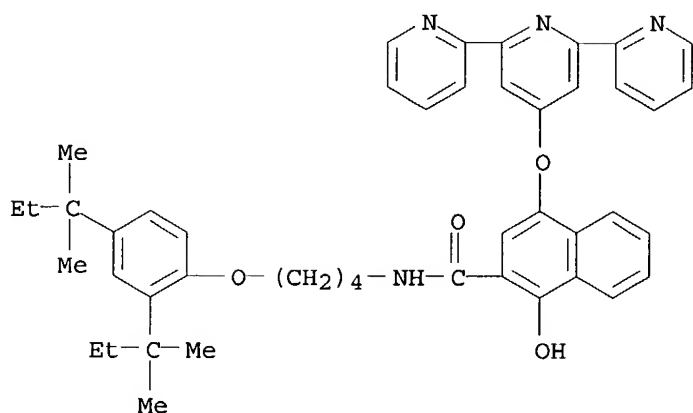
RL: USES (Uses)

(photog. element containing, for formation of complex color masking dye)

RN 101003-59-2 CAPLUS

CN 2-Naphthalenecarboxamide, N-[4-[2,4-bis(1,1-dimethylpropyl)phenoxy]butyl]-1-hydroxy-4-([2,2':6',2''-terpyridin]-4'-yloxy)- (9CI) (CA INDEX NAME)





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COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

Connection closed by remote host

SINCE FILE	TOTAL
ENTRY	SESSION
57.27	526.26

SINCE FILE	TOTAL
ENTRY	SESSION
-7.62	-7.62